

20030104.qrp v02_n790.qrl.20030104

Date: Sat, 4 Jan 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2790

QRP-L Digest 2790

Topics covered in this issue include:

- 1) [143958] Re: streight key recomendation needed
by James or Jade Seeber <kw3u@warwick.net>
- 2) [143959] Re: Real Radio or QRP POWER
by "kk5na" <kk5na@kk5na.com>
- 3) [143960] Re: Obligatory Meetings?
by Ted Kell <tedkell@ev1.net>
- 4) [143961] FS/FT: Drake 2B/2BQ Combo **SOLD**
by "Alan Fryer" <N3BJ@hotmail.com>
- 5) [143962] NJQRP gets "continental" exposure
by "Joe Everhart" <n2cx@voicenet.com>
- 6) [143963] Rock-Mite Flea Fight rules site
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 7) [143964] Re: Latest ARRL Service Offering
by "Dave Ek" <ekdave@earthlink.net>
- 8) [143965] Re: Rock-Mite Flea Fight rules site
by "Bill, N4QA" <n4qa@hotmail.com>
- 9) [143966] Rock Mite Flea Fight - 40 meter Log
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 10) [143967] RE: Vertical Antenna Question
by "Larry Gaalaas" <lgaalaas@mn.rr.com>
- 11) [143968] Re: Space weather
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [143969] Re: Rock-Mite Flea Fight rules site
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 13) [143970] Calling all pigs.....
by Fred Lesnick <flesnick@tbaytel.net>
- 14) [143971] [OP] RMFF Question
by Kenneth Hoglund <hoglund@wfu.edu>
- 15) [143972] Class Eeff Amps
by "Karl F. Larsen" <k5di@zianet.com>
- 16) [143973] Calling all pigs.....
by Fred Lesnick <flesnick@tbaytel.net>
- 17) [143974] ANTENNA QUESTION
by hamjoel@juno.com
- 18) [143975] 27 Day Propagation Forecast
by "James R. Duffey" <JamesDuffey@comcast.net>
- 19) [143976] Oink Oink

- by Fred Lesnick <flesnick@tbaytel.net>
- 20) [143977] Re: 2000 mAh AA rechargeable NiMH batteries
by "Chuck Adams, K7Q0" <k7qo@earthlink.net>
- 21) [143978] SSB noise on 40 meters....
by Fred Lesnick <flesnick@tbaytel.net>
- 22) [143979] Re: ANTENNA QUESTION by Hamjoel
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
- 23) [143980] FOR SALE--NC-40A
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 24) [143981] RMFF
by "Rod N0RC" <rod@n0rc.us>
- 25) [143982] RE: RMFF
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 26) [143983] RE: ANTENNA QUESTION
by "Dave Richards" <wr3i@earthlink.net>
- 27) [143984] Re: FOR SALE--NC-40A
by "brian" <brian@iquest.net>
- 28) [143985] RMFF Ouch!
by Chuck Carpenter <w5usj@9plus.net>
- 29) [143986] Tiny Tornado and NoGaWatt Kits
by Monty N5FC <n5fc@io.com>
- 30) [143987] Re: Fox: KV2X Fox Log 1.000
by Lew Paceley <lew@paceley.com>
- 31) [143988] 30m
by "Rod N0RC" <rod@n0rc.us>
- 32) [143989] Re: RMFF Ouch!
by "Rod N0RC" <rod@n0rc.us>
- 33) [143990] Thanks gang.....
by Fred Lesnick <flesnick@tbaytel.net>
- 34) [143991] Re: Thanks gang.....
by "brian" <brian@iquest.net>
- 35) [143992] Fox: KV2X Fox Log - "dupes"
by "Tom Palmer" <n1tp@swfla.rr.com>
- 36) [143993] Wow. My RockMite Worked!!!!
by "Michael Morgan" <michael@aa5sh.com>
- 37) [143994] An observation
by JClinton46@aol.com
- 38) [143995] Re: An observation
by Brian Short <bshort4@cox.net>
- 39) [143996] Rock Mite Flea Fight - Log Correction
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 40) [143997] K2 FOR SALE
by "larry hess" <hessls@csi.com>
- 41) [143998] HTX 10 and antenna
by "Lee Wilson" <ac7kt@hotmail.com>
- 42) [143999] Re: Fox: KV2X Fox Log - "dupes"
by Arthur Moe <kb7ww@easystreet.com>
- 43) [144000] Re: Fox: KV2X Fox Log - "dupes"

by Arthur Moe <kb7ww@easystreet.com>
44) [144001] Rock Mite Audio Filter kits
by Chuck Carpenter <w5usj@9plus.net>
45) [144002] 2N2222As vs 2N3053
by Chuck Carpenter <w5usj@9plus.net>
46) [144003] Re: 30m
by "Pastor-kc1di" <elbc2@gwi.net>
47) [144004] FS: Ten-Tec CW QRP 1340 & 1380
by Kenneth Cooperstein <cprstn54@att.net>
48) [144005] RMFF Flea Circus
by Jim Cluett <w1pid@yahoo.com>
49) [144006] Re: [QRPP-I] 2N2222As vs 2N3053
by "Harold Smith" <harold.smith1@worldnet.att.net>
50) [144007] OT: Quicken has been replaced
by "Karl F. Larsen" <k5di@zianet.com>
51) [144008] Ten Tec Argonaut
by "Kevin Gray" <k8su@adelphia.net>
52) [144009] Re: Fox: KV2X Fox Log - "dupes"
by "Tom Palmer" <n1tp@swfla.rr.com>
53) [144010] 20 m condx for RMFF this am + DSWTUN03 project update
by "Bill, N4QA" <n4qa@hotmail.com>
54) [144011] Re: Quicken has been replaced
by "Charles" <cvest@hit.net>
55) [144012] FOX N0TK Preliminary Log: Error-free?
by "Tom Palmer" <n1tp@swfla.rr.com>
56) [144013] Re: RMFF
by W2AGN <w2agn@w2agn.net>
57) [144014] Re: Fox: KV2X Fox Log - "dupes"
by jennings@eznet.net
58) [144015] 2N2222 Heat sinks?
by "Lee Mairs" <lmairs@direcway.com>
59) [144016] RE: An observation
by Nick Kennedy <nkennedy@tcainternet.com>
60) [144017] KG6CYN DDS group component purchase
by "P. Ermisch" <ermisch@usa.net>
61) [144018] Re: HTX 10 and antenna
by psschwarz@kellnet.com
62) [144019] Re: 30m
by k4vib@att.net
63) [144020] RE: Antenna question; leakage; binocular cores
by Nick Kennedy <nkennedy@tcainternet.com>
64) [144021] Re: [KG6CYN DDS group component purchase]
by "P. Ermisch" <ermisch@usa.net>
65) [144022] Re: [KG6CYN DDS group component purchase]
by "Trevor Jacobs" <kg6cyn@earthlink.net>
66) [144023] Re: 2N2222 Heat sinks?
by Ingo Meyer DK3RED <dk3red@gmx.net>
67) [144024] Fox: KV2X Fox Log V1.001

by jennings@eznet.net

68) [144025] Re: 2N2222 Heat sinks?
by "Dave Benson" <nn1g@earthlink.net>

69) [144026] FS/FT
by "Francis Callahan" <colcal@srv.net>

70) [144027] Re: 2000 mAh AA rechargeable NiMH batteries
by Larry Cahoon <lejek@erols.com>

71) [144028] Re: Baluns: homebrew vs commercial
by "Kevin F. Glynn" <kfglynn@mindspring.com>

72) [144029] Re: Quicken has been replaced
by William R Colbert <w5xe@juno.com>

73) [144030] Re: straight key recommendation needed
by "Kevin F. Glynn" <kfglynn@mindspring.com>

74) [144031] Re: Baluns: homebrew vs commercial
by George Fremin III - K5TR <geoiiii@kkn.net>

75) [144032] hooking up a poqet to xcvr for sending CW
by "Mark Paley" <mpaley@wcnet.org>

76) [144033] Re: rechargeable NiMH batteries
by "Leland Bahr" <pulsarxp@earthlink.net>

77) [144034] FS Ten Tec Argonaut 509
by "Kevin Gray" <k8su@adelphia.net>

78) [144035] Re: 2N2222 Heat sinks?
by "Don Wines" <dwines@tyler.net>

79) [144036] It's REALLY getting hard...
by W2AGN <w2agn@w2agn.net>

80) [144037] NC-40a spoken for
by "Doc K0EVZ" <dock0evz@earthlink.net>

81) [144038] RMFF, 20-meter edition results...WHAT A HOOT!
by "Bill, N4QA" <n4qa@hotmail.com>

82) [144039] Re: 2N2222 Heat sinks?
by "John J. McDonough" <wb8rcr@arrl.net>

83) [144040] Underwhelming Burst
by "Bruce Prior" <n7rr@hotmail.com>

84) [144041] Re: rechargeable NiMH batteries
by "brian" <brian@iquest.net>

85) [144042] T018 heatsink for 2N2222
by n5ib@juno.com

86) [144043] FS Red Hot 20 Xcvr
by "bhuyck" <bhuyck@prodigy.net>

87) [144044] Re: T018 heatsink for 2N2222
by "brian" <brian@iquest.net>

88) [144045] Alaska on RockMite20 = success ==>AL70K
by "Jim Larsen, AL7FS" <JimLarsen2002@alaska.net>

89) [144046] Re: Underwhelming Burst
by "Trevor Jacobs" <kg6cyn@earthlink.net>

90) [144047] FOX N0TK-Almost Final Log
by N0tk@aol.com

91) [144048] Re: Class Eeff Amps

by "Ian Wilson" <ianmwilson@earthlink.net>
92) [144049] Kids' Day
by "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
93) [144050] CONTEST: Soliciting QSOs
by "w8diz" <w8diz@fpqrp.com>
94) [144051] RE: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
by "Terres Family" <terresfm@ncia.net>
95) [144052] hr we go agn ... hand punch
by Tom Popovic <ki3r@yahoo.com>
96) [144053] Re: hooking up a poqet to xcvr for sending CW
by wa8jpr <wa8jpr@comcast.net>
97) [144054] RMFF 20 meters
by Chuck Carpenter <w5usj@9plus.net>
98) [144055] RE: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
by Richard Mulvey <rich@mulveyfamily.com>
99) [144056] Re: [KG6CYN DDS group component purchase]
by KD5NWA <KD5NWA@cbayona.com>
100) [144057] Scoring on RMFF
by W2AGN <w2agn@w2agn.net>
101) [144058] re: 30M
by "gergea" <w4gfa@bellsouth.net>
102) [144059] VFO pulling
by "Ian Wilson" <ianmwilson@earthlink.net>
103) [144060] Re: VFO pulling
by "Ray Goff" <radioham@gmx.co.uk>
104) [144061] Looking for Brian
by "Bob Hightower" <nk7m@extremezone.com>
105) [144062] RE: RMFF Scoring
by Kenneth Hoglund <hoglund@wfu.edu>
106) [144063] Outback
by "Jay" <aj4ay@worldnet.att.net>
107) [144064] 2N2222 heat sink for \$0.01
by n5ib@juno.com
108) [144065] Loop Question
by "larry hess" <hessls@csi.com>
109) [144066] Re: [spam score 5/10 -pobox] RE: RMFF Scoring
by W2AGN <w2agn@w2agn.net>
110) [144067] Re: Underwhelming Burst
by "Bruce Prior" <n7rr@hotmail.com>
111) [144068] Re: Loop Question
by <sjolin@swbell.net>
112) [144069] Re: Loop Question
by "M. J. Powell" <mike@pickmere.demon.co.uk>
113) [144070] Re: Scoring on RMFF
by "Bill, N4QA" <n4qa@hotmail.com>
114) [144071] Fox - Winter Fox Hunt Teams Results.
by Bruce Rattray <rattray@gpfn.sk.ca>
115) [144072] Soowhee.....

by Fred Lesnick <flesnick@tbaytel.net>
116) [144073] RE: 30M
by Karl Kanalz <kkanalz@gcecispc.com>
117) [144074] Re: VFO pulling
by "James Reid" <jreid4@earthlink.net>

Date: Thu, 02 Jan 2003 20:48:20 -0500
From: James or Jade Seeber <kw3u@warwick.net>
To: JamesDuffey@comcast.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [143958] Re: streight key recomendation needed
Message-ID: <3E14EBE4.C9A247E3@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

as a user of only straight keys I will venture my opinion.
First is the bencher RJ-1.
next up is the chinese PLA key from morse express.
then the vibroplex is very enjoyable and attractive.
The Kent is fun to use with my boatanchors but not real comfortable for
day to day ragchewing.
Lastly the toyko hymound HK-708 is a very good all around key.
thats it for this station...for a while. kw3u jim

Date: Fri, 3 Jan 2003 18:07:11 -0600
From: "kk5na" <kk5na@kk5na.com>
To: <NA1XX@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143959] Re: Real Radio or QRP POWER
Message-ID: <10f901c2b385\$3b774650\$6401a8c0@joes>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I was reading the new CQ Magazine (Jan 2003). On page 40 is the Reader
Survey section and
in a sidebar where they talk about October's survey which was about

low-power operation.

Referring to the power of internet mailing lists and QRP they state that when the October issue came out "...members of at least one low-power enthusiasts' e-mail reflector were urged by their colleagues to buy the issue and send in the survey."

Apparently normally a quarter (25%) of those responding to these survey's say they are active on QRP. In the October survey it was over 50% QRP....so they felt the survey may have been more QRP responsive than normal. :)

Here are some of the results:

- 80% operated QRP at least once
- 60% currently operate QRP
- 35% say QRP is their favorite mode
- 45% say it is fun once in a while
- 10% say life is too short for QRP (poor disillusioned folk)

Among those who operate QRP

- 71% say CW is their favorite mode
- 25% say SSB

Radios used for QRP

- 41% QRP radios built from kits
- 37% commercial rigs with power turned down
- 33% commercial QRP rigs
- 16% homebrew gear

Operate from

- 85% from home
- 11% fixed portable
- 4% mobile
- 2% walking

And 37% belong to a QRP specialty club

CQ magazine said " So... the numbers (...presented) are more representative of the typical QRP operator than of the typical CQ reader"

*** If that is true, perhaps they should pursue the QRP folks and get this kind of sales all the time!!!

I suspect it is indicative of that 'QRP virus' that is infecting the Amateur Radio world with a renewed spirit of fun and adventure in HAM radio!

72 Joe KK5NA kk5na@quadj.com 817-572-2218

President - QRP ARCI <http://www.qrparci.org>

Date: Thu, 02 Jan 2003 19:27:05 -0600
From: Ted Kell <tedkell@ev1.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, n4lgh@waveguide.us
Subject: [143960] Re: Obligatory Meetings?
Message-ID: <872WA6B90663WT624WVT93A0C895WS0J.3e14e6e9@default>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

Three!!??? I'm lucky to get to one of them. Even then, I really have to work on it. Which one? Arkiecon in Ft Smith.

N3Ted

1/2/03 5:13:17 PM, "N4LGH" <n4lgh@waveguide.us> wrote:

>If you could only go to three (QRP) events this year, which other two would
>you go to? (FDIM is a must for me ...)
>
>Just trying to get a feel for meetings across the country, the comments on
>Arkiecon made me think a bit.
>Tracy N4LGH
>
>
>
>

Date: Fri, 3 Jan 2003 19:36:36 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143961] FS/FT: Drake 2B/2BQ Combo **SOLD**
Message-ID: <0E68Q31R0iW2W1VkML4000094b4@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The 2B package is sold. Thanks to all that replied.

Alan, N3BJ

----- Original Message -----

From: "Alan Fryer" <N3BJ@hotmail.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 03, 2003 11:41 AM

Subject: FS/FT: Drake 2B/2BQ Combo

>

>

>

> ----- Original Message -----

> From: Alan.Fryer@indsys.ge.com

> To: n3bj@hotmail.com

> Date: Fri 01/03/2003 16:04

> Subject: FS/FT: Drake 2B/2BQ Combo

>

> For Sale or Trade. Listing on qrp-1 first.

>

> Both units are in good shape, neither unit has any dents or dings in the
> cabinets and original

> paint on both. Lettering on both units' front panels are excellent, no
rub

> marks. Pix on request

>

> The 2B cabinet is in good shape. Has been recently re-tubed with new
> Sylvania tubes throughout.

> Has a few minor scratches, but very good shape compared to others I've
> seen. All the switches,

> controls and knobs are in good shape, original and work FB. Extra xtals
in the

> RX for some SW

> bands. Have since got another RX I'll be using in my vintage setup.

>

> The 2BQ could use a good cleaning , but works great and has the original
> Jensen speaker. The case top of the 2BQ has some specks of white paint
on it,

> as if someone had painted their shack and not covered up the unit. Looks
> like they would come off, but haven't tried.

>

> Have a good copy of manuals for both.

>

> I'll throw in a 2AC calibrator (less the 100 kHz xtal, MIA) operating
> condition unknown.

>
> I'll ship it all for \$225 OR might trade for an OHR 400/DD-1 combo or ???
>
> Thanks,
>
> Alan, N3BJ
> Bent Mountain, VA
>

Date: Fri, 3 Jan 2003 20:10:47 -0500
From: "Joe Everhart" <n2cx@voicenet.com>
To: "njqrp" <njqrp@njqrp.org>
Cc: "qrp1" <qrp-1@lehigh.edu>, "qklub" <qklub@ms.ipnet.cz>
Subject: [143962] NJQRP gets "continental" exposure
Message-ID: <001201c2b392\$31513d40\$422f67cf@n2cxtoy>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Group,

The OK QRP organization has printed (with permission) several items from the NJQRP web site. Their recent "OK QRP INFO" magazine has articles on N2APB's Portable PSK, NK0E's Serial CW Sender and N2CX's Halfer. In addition, they have a short feature spotlighting the NJQRP club itself. It's a very nice journal 32 pages long that even has color photos on the front and rear covers. Excellent work!

Thanks go to Petr Prause, OK1DPX its editor for including this material. Please check out Petr's web site at <http://www.qsl.net/ok1dpx> for some very professional examples of Czech homebrewing!

Joe E., N2CX and George, N2APB
for the NJQRP club

Date: Sat, 04 Jan 2003 01:54:50 +0000
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: qrp-1@Lehigh.EDU

Subject: [143963] Rock-Mite Flea Fight rules site
Message-ID: <F18TLLwYxEbnwEK9unH0001c656@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Anyone else having problems getting into the rules site
<http://www.wfu.edu/~hoglund/Roc.htm> ? I wanted to check if non-rock mites
could give out some contacts to the real RMs.

73/72 - Mike WA8BXN

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Fri, 3 Jan 2003 19:04:35 -0700
From: "Dave Ek" <ekdave@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143964] Re: Latest ARRL Service Offering
Message-ID: <001401c2b395\$a1787400\$8989fea9@oldman>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

For what it's worth, anybody (ARRL member or not) has always been able to
walk into a VE testing session and renew their license for the cost of the
testing fee. This new "service" means that nonmembers can do it by mail now
for the same fee that they'd pay at the test session. Also, the ARRL appears
to be offering free renewal along with a membership if you send in the full
membership fee instead of the \$12. Incentive? Maybe a little...

73 de Dave NK0E (ARRL member)

Bill wrote:

The way I read it, the charge is because the VE
service is going to handle the renewals.

73, Bill kc4atu

Date: Fri, 03 Jan 2003 21:08:56 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [143965] Re: Rock-Mite Flea Fight rules site
Message-ID: <BAY1-F143ninarBU3930000130a@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi, Mike.
Try:

<http://www.wfu.edu/users/hoglund/Roc2.html>

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

MSN 8: advanced junk mail protection and 2 months FREE*.
<http://join.msn.com/?page=features/junkmail>

Date: Fri, 3 Jan 2003 18:09:30 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143966] Rock Mite Flea Fight - 40 meter Log
Message-ID: <003501c2b396\$5150a0a0\$32bdb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

Well the ol' wrist got a good workout sending CQ FF tonight, but not a lot else ;-) I logged the following stations:
K7QZ (ID), K6MMC (CA), WI6O (CA), N6GA (CA), and WA6ARA (CA)

Band didn't seem to be very open yet, a bit early for the West Coast. I was on for the entire 2 hours though. How did the rest of you do?

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Fri, 3 Jan 2003 20:05:42 -0600
From: "Larry Gaalaas" <lgaalaas@mn.rr.com>
To: <dpayton@fwi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143967] RE: Vertical Antenna Question
Message-ID: <GBEJNBOANADPJBODCHDKEGGCDAA.lgaalaas@mn.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I (and the Minnesota QRP Society) have won a few contests with my R7 so it can be a useful antenna. But..... I don't even hear dx on 10/15 m on the R7 that is S9 on a 2 el quad. My 20m half wave dipole is consistently 2 s-units stronger than the R7.

My quad is the Lightning Bolt, only \$99 and doesn't take up much room on top of the garage. Trees keep me from having a 20m quad.

73,
Larry KB0R

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Dennis Payton
Sent: Friday, January 03, 2003 2:12 PM
To: Low Power Amateur Radio Discussion
Subject: Vertical Antenna Question

Since becoming a ham about twelve years ago, I've almost exclusively used vertical antennas, and most of that time it's been a Cushcraft R7. It wasn't long though, until I discovered I was having trouble hearing people. At first I blamed it on my rig, but after owning several rigs, then getting into QRP and building a gazillion QRP rigs, I've decided the problem is my antenna.

I almost always call CQ to initiate contacts, and usually I barely can hear the fellow who answers me, whether he's QRP or QRO. It's embarrassing to

give a fellow operating 100 watts or more a worse report than he gives my 1/2 or 1 watt and sometimes someone is actually offended. During QRP contests I've discovered I can't call CQ because most people who answer me aren't copiable. I do hear plenty of loud signals on the band, and they hear me if I call them, but usually the people who answer CQ's are ones I can barely hear.

Although I can't have a tower here, and I can't do much with wires, it seems to me that I need some sort of receiving antenna. I'm getting tired of telling some QRO guy that my 1/2 watt Micromountaineer, or Rock-Mite, or K2 for that matter, is having trouble hearing him.

Does anybody have any advice?

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Fri, 3 Jan 2003 19:15:58 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: k5di@zianet.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143968] Re: Space weather
Message-ID: <Pine.LNX.4.44.0301031905250.2513-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 3 Jan 2003, George, W5YR wrote:

> Karl, I think that the solution is for you to move to North Texas. You
> are just in a tough location for many of the Foxii.

Hi George I listened on a low dipole and my killer vertical and heard Zip from Dan. There was zero propagation this way, period.

>
> Nearly all of us in this area on the NETXQRP Tornados and Dust Devils
> teams worked both Foxii and a few of us even caught Paul for a
> Truffle. I worked Tom at 0210 and then Dan at 0212. Not terribly
> strong signals but readable enough for Clean Sweeps.

>

Had I heard an ESP signal on the correctly found frequency I could have at least called Dan. I never heard him even once. You live about 800 miles East of me and that was enough to hear him.

> As a gentle hint, I would pay less attention to the solar forecasts
> and listen more to the Foxii and the Hounds. What you hear is what you
> get, not what someone expects you to get. I find that I can tell
> pretty much what the band is doing by getting on at 0130 and chasing
> the Truffle and seeing who he is working. Then we know that the band
> will start going longer after about 0230 and come back again around
> 0330. Seems to happen that way here most of the time. Last night Tom
> was loudspeaker copy at 0350 and begging for calls.

I worked Tom on a QSB peak. We were both 449. Again George, your 800 miles closer! Tom was never speaker quality here.

>

> Also, I found that I was using four different antennas at various
> times last evening to maximize the Fox signal. Tom fell to the
> East/West 20-meter EDZ while the 80-meter full-wave loop snared Dan.
> But at other times, the Butternut HF-9V vertical was stronger than
> either. Propagation was highly variable last evening, especially after
> 0300. Can't have too many antennas for Fox Hunting! <:}

>

I just have 2 antenna and neither heard Dan. Too close. Why can't people understand that there are 5 Fox that live no more than 800 miles apart and we have NEVER worked each other PERIOD. Your another 800 miles away and things work fine. Nice to have a lot of antenna. But if you don't have propagation you don't!

> I am not trying to tell an old Hound how to chase Foxii, but
> seriously, try to get some more wire up in the air favoring some
> different directions and arrival angles and then listen, listen,
> listen! <:}

>

I listened on Dan's frequency with the dipole and AGC off for an hour after working Tom. No signal period!

> 73/72, George
> Amateur Radio W5YR - the Yellow Rose of Texas
> In the 57th year and it just keeps getting better!
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> K2 #489 IC-765 #2349 IC-756 PRO #2121 IC-756 PRO2 #3235

>
>
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 3 Jan 2003 21:18:38 -0500
From: "Mike WA8BXN" <hubby2k@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143969] Re: Rock-Mite Flea Fight rules site
Message-ID: <0E45NpyLAPDVXLuSbh200000091@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who sent the correction:
<http://www.wfu.edu/users/hoglund/Roc2.html>

I got the wrong one from the NJQRP site.

73/72 - Mike WA8BXN

Date: Fri, 03 Jan 2003 21:20:32 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRP Canada <qrp-canada@neale.gpfn.sk.ca>, QRPL <qrp-1@Lehigh.EDU>
Subject: [143970] Calling all pigs.....
Message-ID: <3E1644F0.39AC2780@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Listening and calling now on 7.049...nice quiet frequency.....
It is now 0220 z Jan 4 z.....

Fred
VE3FAL
FP101.....

Date: Fri, 03 Jan 2003 21:24:08 -0500
From: Kenneth Høglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143971] [OP] RMFF Question
Message-ID: <3E1645C8.3DE57AA0@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

The band sounded pretty good tonight. I could hear a number of "flea powered" sigs pounding out cw, so it should be fun to see the logs from the 40m 'burst' tonight.

Don't forget that tomorrow am, 1500-1700 UTC is the 20m 'burst.'

I sent Mike a direct answer and then found a couple of other questions in the inbox, so here's a reply to questions on the rules.

I had some serious problems with some obscure version of UNIX the University is employing, and nothing I added would allow folks outside the university network to access the rules page until a techie and I figured out that renaming the file would do the trick. Check <http://www.wfu.edu/~hoglund/Roc2.html> which should work. Again, Ken N2CQ had everything as I sent it to him---just I didn't realize for several days' that folks outside of the network couldn't access the page.

The RMFF event is for Crystal controlled rigs, so any non-RM Xtal rig is in the competition (as well as any RM), but any op can help their "rock-bound" buds out by working them. I won't go into detail now, but I couldn't get my Tuna Tin on the air, so played "stand-by" with the TenTec 1340 ready to jump in if I heard anyone cq'ing without a qso. Didn't hear a single one this evening, but my antenna is pretty much thrown-together.

The Rock-Mite in "Rock Mite Flea Fight" is the featured rig of the Special Stations---they are all RM's!! (Last year, they all consisted of some of the older designs of xtal rigs, Pixies, Oners, Peanut Whistle, and of course, the Tuna Tin).

And while we're on the subject, I have received a number of great suggestions for the future of this event. This is the second year that we, the Greater Piedmont QRP Club, have sponsored a Xtal rig event, and we are open to any and all suggestions. I'd especially love to hear from anyone who didn't participate this year because of some configuration of the times or rules--anything can change for the next time around!

73

Ken KG4FGC

Date: Fri, 3 Jan 2003 19:32:12 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-1@lehigh.edu
Subject: [143972] Class Eeff Amps
Message-ID: <Pine.LNX.4.44.0301031922330.2513-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you guys are really interested in a WORKING 1 transistor 400 watt amp go to this web site and read with care:\

<http://www.cco.caltech.edu/~mmic/reshpubindex/class-e/power/>

They say it's kinda Class E but really it's not. Read on and you will see they designed a good driver to a power FET and get high power output. The device was built by young guys working on their Phd and they did some really nice design work. Read what they did and pay attention to the power required to drive the final FET.

We haven't seen Ham Gear using this method because it's *VERY* sensitive to adjustment and an error leads to replacing the final FET.

Don't hold your breath for a new Kenwood running 500 watts all bands with no fan.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Fri, 03 Jan 2003 21:32:34 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRP Canada <qrp-canada@neale.gpfn.sk.ca>, QRPL <qrp-1@Lehigh.EDU>
Subject: [143973] Calling all pigs.....
Message-ID: <3E1647C2.D0A25A72@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Sorry gang, but 7.049 has been taken over by XE1REM, Pedro running 1KW.....He is wiping out the band right now.....
I am gonna go up 7.122.5 on 40 meters, nice and quiet there.....

Fred
VE3FAL
FP 101....
OINK OINK

Date: Sat, 4 Jan 2003 02:40:39 GMT
From: hamjoel@juno.com
To: fpqrp-1@mpna.com, qrp-1@Lehigh.EDU
Subject: [143974] ANTENNA QUESTION
Message-ID: <20030103.184102.27064.563412@webmail1.wlv.unttd.com>

HATE TO GET SERIOUS HOWEVER i NEED AN answer to a question,
perhaps a stupid one, question that is....

for 20 meters
.1 wave spacing 7ft.
w8jk elements 33 ft each side of center

I want to add two more elements... one .1wave in front
and one .1 wave in back of the w8jk ant....

total length is 21 feet for boom (rope...:-)

if I feed the ant in the center then all I need to do is keep reversing the
feed line between elements to keep things phased
properly, I think...

and that's my question.... what have I got and what do I
need to do...?

I am already reading all the books I have access to so "go read a book" is not
an answer that will help me... ok...

looking at the antenna again it looks like I will have to change the feed
point or points to get it correct....

can anyone help? thanks

ke1la in maine
joel
forced into writing corretly
must be a new year or sumthin

KE1LA JOEL
IN MAINE

FREEZIN

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Fri, 03 Jan 2003 19:47:50 -0700
From: "James R. Duffey" <JamesDuffey@comcast.net>
To: qrp-1@lehigh.edu
Subject: [143975] 27 Day Propagation Forecast
Message-ID: <BA3B9965.229E8%JamesDuffey@comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

I find these 27 day forecasts quite useful and thought others might sa well.
- Dr, Megacycle KK6MC

:Product: 27-day Space Weather Outlook Table 27D0.txt
:Issued: 2002 Dec 31 2211 UTC
Prepared by the US Dept. of Commerce, NOAA, Space Environment Center
Product description and SEC contact on the Web
<http://www.sec.noaa.gov/wwire.html>
#

27-day Space Weather Outlook Table
Issued 2002 Dec 31
#

#	UTC	Radio Flux	Planetary	Largest
#	Date	10.7 cm	A Index	Kp Index
	2003 Jan 01	115	10	3
	2003 Jan 02	115	10	3
	2003 Jan 03	120	10	3
	2003 Jan 04	120	15	3
	2003 Jan 05	120	12	3
	2003 Jan 06	125	8	3
	2003 Jan 07	135	8	3
	2003 Jan 08	145	8	3
	2003 Jan 09	155	8	3
	2003 Jan 10	160	8	3
	2003 Jan 11	165	8	3
	2003 Jan 12	165	8	3
	2003 Jan 13	170	8	3
	2003 Jan 14	175	8	3

2003 Jan 15	170	15	3
2003 Jan 16	165	12	3
2003 Jan 17	165	10	3
2003 Jan 18	160	10	3
2003 Jan 19	155	15	3
2003 Jan 20	155	12	3
2003 Jan 21	145	12	3
2003 Jan 22	135	15	3
2003 Jan 23	125	30	5
2003 Jan 24	120	15	3
2003 Jan 25	115	10	3
2003 Jan 26	115	12	3
2003 Jan 27	115	12	3

--

James R. Duffey KK6MC/5
Cedar Crest, NM DM65

Date: Fri, 03 Jan 2003 21:49:43 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: k4fb@arrl.net, QRPL <qrp-1@Lehigh.EDU>
Subject: [143976] Oink Oink
Message-ID: <3E164BC7.2F2910BA@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul, I cant win, every where I go, QRM starts..Heard you call me, I answered, but guess QRM was too bad your end.....
I will park myself around 7.042.5, and see what happens.....

Fred
Ve3FAL
FP 101, still to get in the air.....

Date: Fri, 03 Jan 2003 18:54:19 -0800
From: "Chuck Adams, K7Q0" <k7qo@earthlink.net>
To: jgrow@sympatico.ca,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [143977] Re: 2000 mAh AA rechargable NiMH batteries
Message-ID: <5.1.1.6.0.20030103185121.00b278b0@pop.earthlink.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:15 PM 1/3/2003 -0500, John Grow wrote:

><http://www.mahaenergy.com/Press/2000mAh.htm>
>
>
>John VE2EQL

I have their MH-C204F charger which I picked up on sale at Pacificon and I think it was like \$18 or something like that and I see that the MSRP is \$41 and some change.

I picked up also at Pacificon some 1850mAhr batteries for \$2 each and the combo is tough to beat. I'm hoping that at the Phoenix swapmeet on the 11th there will be some more battery deals.

I have yet to have a AA go bad with any of the chargers that have a uP embedded in them.....

FYI

Chuck Adams, K7QO
<http://www.qsl.net/k7qo>

Moving to Arizona? ---- Please bring your own water.

Date: Fri, 03 Jan 2003 22:07:45 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: QRPL <qrp-1@Lehigh.EDU>
Subject: [143978] SSB noise on 40 meters....
Message-ID: <3E165001.63AFC469@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Man when the Mexicans come on frequency, they sure know how to ruin the band.....

Was listening to a nice QSO with KA9N00-Tom, and AA7JC near 7.049 when Mr. Pedro XE1REM just fired up his 1KW and wiped out teh segment of band.....

Have noticed lots of European SSB stuff on the bands the last week.....
Oh well, lets hope we can all get a piece of teh new 5 meg band, and hope that the SSB crap wont be allowed.....

Fred
VE3FAL
FP101...and still listening on 7.042.5.....
And Paul, K4FB heard you call me there as well.

Date: Fri, 3 Jan 2003 19:08:49 -0800
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143979] Re: ANTENNA QUESTION by Hamjoel
Message-ID: <000d01c2b39e\$9d0a5560\$f840cd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Joel

Build them like two separate antennas ---- i.e. the front two elements are one array and the back two elements are another. and then the interconnection between the two antennas becomes the same as if you were building a two element W8JK.

Maximum estimated gain probably equal to the gain of a single W8JK + 3 db.

Let us know how it works....

best 72/73 de alan

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Fri, 3 Jan 2003 21:10:40 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [143980] FOR SALE--NC-40A

Message-ID: <41200316431040897@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Have an extra NC-40a rig need a new home [g]. This is the Wilderness version, complete with KC-1 keyer/frequency annunciator. Very sensitive, quiet, stable and selective. Full two watts out. Excellent condition, inside and out.

Only \$135.00 including documentation and shipping.

73,
--Doc/K0EVZ

Date: Fri, 3 Jan 2003 20:14:01 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [143981] RMFF
Message-ID: <003901c2b39f\$54b8bbc0\$6501a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

YUK,

1 complete QSO with Dan, N0TK, 1 "busted" QSO with Chuck, W5USJ. I almost fell asleep calling CQ! ;-)

Oh well when your running 500mW into an attic antenna, one must adjust their expectations.

*** Happy Holidays ***
73, Rod N0RC

Date: Fri, 3 Jan 2003 21:20:27 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "Rod N0RC" <rod@n0rc.us>, "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [143982] RE: RMFF
Message-ID: <41200316432027410@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Rod:

Well not much luck here, either. Worked Chuck W5USJ with an enormous amount of QRM and QSB. Then it was over an *hour* before WB5KHC, WE9K and W0CH dug me out of the sludge on 40. Gadzooks, the noise and QRM were horrendous. Thanks to all who patiently gave fills until we got the job done. Hopefully 20 will be better tomorrow.

73,
--Doc/K0EVZ

> [Original Message]
> From: Rod N0RC <rod@n0rc.us>
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Date: 1/3/2003 9:14:01 PM
> Subject: RMFF
>
> YUK,
>
> 1 complete QSO with Dan, N0TK, 1 "busted" QSO with Chuck, W5USJ. I
> almost fell asleep calling CQ! ;-)
>
> Oh well when your running 500mW into an attic antenna, one must adjust
> their expectations.
>
> *** Happy Holidays ***
> 73, Rod N0RC
>
>

Date: Fri, 3 Jan 2003 22:30:38 -0500
From: "Dave Richards" <wr3i@earthlink.net>
To: <hamjoel@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143983] RE: ANTENNA QUESTION
Message-ID: <FAEEKPCBNNDNKGMPIBKAEPFCKAA.wr3i@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well! if you didn't want to reverse them I would try a single wire 5% shorter in from @ .1 wave and a single wire 5% longer at back about .1 wave as reflector this would give you increase in gain. However if you have no restriction in the length direction (side to side) it would be better to just make a four section 8JK with center reversible feed this will give you about 8dB gain reversible

Dave
W1QB

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of hamjoel@juno.com
Sent: Friday, January 03, 2003 9:41 PM
To: Low Power Amateur Radio Discussion
Subject: ANTENNA QUESTION

HATE TO GET SERIOUS HOWEVER I NEED AN answer to a question, perhaps a stupid one, question that is....

for 20 meters
.1 wave spacing 7ft.
w8jk elements 33 ft each side of center

I want to add two more elements... one .1wave in front and one .1 wave in back of the w8jk ant....

total length is 21 feet for boom (rope...:-)

if I feed the ant in the center then all I need to do is keep reversing the feed line between elements to keep things phased properly, I think...

and that's my question.... what have I got and what do I need to do...?

I am already reading all the books I have access to so "go read a book"

is not an answer that will help me... ok...

looking at the antenna again it looks like I will have to change
the feed point or points to get it correct....

can anyone help? thanks

ke1la in maine

joel

forced into writing corretly

must be a new year or sumthin

KE1LA JOEL

IN MAINE

FREEZIN

Sign Up for Juno Platinum Internet Access Today

Only \$9.95 per month!

Visit www.juno.com

Date: Fri, 3 Jan 2003 22:36:46 -0500

From: "brian" <brian@iquest.net>

To: <dock0evz@earthlink.net>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [143984] Re: FOR SALE--NC-40A

Message-ID: <001501c2b3a2\$828281a0\$fc612bd1@bmurrey2K>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Doc,

I don't need it, I have one. They are fantastic rigs and your price
is super!!

73

----- Original Message -----

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, January 03, 2003 10:10 PM

Subject: FOR SALE--NC-40A

> Gang:
>
> Have an extra NC-40a rig need a new home [g]. This is the
Wilderness
> version, complete with KC-1 keyer/frequency annunciator. Very
sensitive,
> quiet, stable and selective. Full two watts out. Excellent
condition,
> inside and out.
>
> Only \$135.00 including documentation and shipping.
>
> 73,
> --Doc/K0EVZ
>
>
>
>
>
>
>
>

Date: Fri, 03 Jan 2003 21:43:32 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: Rock-Mite_Group@yahooogroups.com, qrp-1@lehigh.edu
Subject: [143985] RMFF Ouch!
Message-ID: <3.0.2.32.20030103214332.006cac1c@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Rod, Doc, and all RMers

That was interesting to say the least. Heard lots of stations part of the time but never long enough to make many Qs. Between the QSB, QRM and Signal levels overwhelming my ears the results were not too good. Sorry I couldn't get more RMers in the log.

N5EBD -- QS0
NU0V -- QS0
K0EVZ -- QS0
WB4X -- No QS0
NF0R -- QS0

N0RC -- No QSO
WJ9B -- QSO

Lots of CQ FF ing and heard several try to make a connection. QSB and QRM got the best of most attempts. Had fun though and wouldn't mind trying it again -- after the RM filters from Steve get installed... [g]

Email Alt: w5usj@arrl.net, w5usj@go.com

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Fri, 03 Jan 2003 21:54:55 -0600
From: Monty N5FC <n5fc@io.com>
To: AQRPE@groups.com, qrp-l@Lehigh.edu
Subject: [143986] Tiny Tornado and NoGaWatt Kits
Message-ID: <5.1.0.14.1.20030103214726.026f74a0@mail.io.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hey gang:

It's New Years and time to update the web site. Find pictures of my versions of three great QRP kits well-suited to Altoids tins (what else?):

KA8MAV's Tiny Tornado at:
<http://www.io.com/~n5fc/tornado.htm>

NoGa's NoGaWatt SWR Meter:
<http://www.io.com/~n5fc/nogawatt.htm>

TenTec's T-KIT 1051 Tuning Noise Bridge (pics only)
<http://www.io.com/~n5fc/tt1051.htm>

Enjoy!

72,
monty N5FC

Monty Northrup, N5FC
Austin, Texas
e-mail: n5fc@io.com
web page (ham radio): <http://www.io.com/~n5fc>
web page (home): <http://www.io.com/~maddog>

Date: Fri, 03 Jan 2003 21:59:15 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: jennings@eznet.net
Subject: [143987] Re: Fox: KV2X Fox Log 1.000
Message-ID: <001701c2b3a5\$a687f960\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

Tom/All,
I have to apologize for the dups last nite. There was very deep QSB here in Austin and Tom would go from a decent copy S2 to completely inaudible. As Murphy would have it, the deepest QSB always seemed to happen at the tail end of my exchange when I was awaiting Tom's TU. Having been busted not hearing the TU/QSL in a prior hunt while assuming the QSO was complete, I tried again with identical results twenty minutes later. I decided to try one last time and waited until around 9:30 Central. I called again and could finally hear the TU.

So again, my apologies for using my unfair share of Tom's valuable Fox time.

72/73,
Lew
N5ZE
An Embarrassed Pesky Texan

Date: Fri, 3 Jan 2003 21:05:55 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [143988] 30m
Message-ID: <003f01c2b3a6\$94cf1ea0\$6501a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

While calling CQ during the Flea Fest tonight I got to thinking, had a lot of time to do that. ;-) Why don't we play on 30m more?

Many of use live in compromise antenna situations. The antenna for 30m

is shorter and can be lower. Advantage 30m.

30m has a power limit. Advantage 30m (to us low power types)

QRM from Digi/SSB on 30 is less than 40 IMHO. Advantage 30m

No contests on 30. Advantage 40m (not a biggie for me)

No foxhunts on 30. Advantage 40m for many.

You may not have license privileges on 30m. Advantage 40? Nope. Can you think of a better reason to upgrade? Advantage 30m.

Propagation on 30 is more interesting, kinda like 40, open somewhere always it seems. Kinda like 20 with interesting DX possibilities.

30 has "numbers stations"! ;-)

Now there are those who may think that with sunspot activity decreasing, 30 should be avoided. I say nay; I say prove it.

I bet when that new NorCal 30 hits the streets 30 will see more action. Elecraft owners, how about trying for the CC on 30m? Don't have a 30m rig? Good excuse to buy a new kit and melt some solder.

Frankly, I can't think of reason not to use 30 more often. I for one will be using 30m more. See you there?

*** Happy Holidays ***
73, Rod N0RC

Date: Fri, 3 Jan 2003 21:20:27 -0700
From: "Rod N0RC" <rod@n0rc.us>
To: <w5usj@9plus.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143989] Re: RMFF Ouch!
Message-ID: <007901c2b3a8\$9cabd620\$6501a8c0@BIGDOG>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck, et.al

----- Original Message -----

From: "Chuck Carpenter" <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 03, 2003 8:43 PM
Subject: RMFF Ouch!

...

> Lots of CQ FF ing and heard several try to make a connection. QSB
and QRM

I heard the same thing. It reminded me of the Blind Butler (Alec Guinness) trying to communicate with the deaf Maid (Nancy Walker) in Neil Simon's Murder by Death. (one of the funniest movie scenes ever)

*** Happy Holidays ***
73, Rod N0RC

Date: Fri, 03 Jan 2003 23:31:57 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "'fpqrp@egroups.com'" <fpqrp@egroups.com>, QRPL <qrp-1@Lehigh.EDU>
Subject: [143990] Thanks gang.....
Message-ID: <3E1663BD.20B76B28@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not sure what happened to my emails that I sent out tonight, but I never did get them back to my email address.....

Just want to thank....

K3ESE-LLLOYD
W8DIZ-DIZ
KG4FSN-JUAN
K4FB-PAUL
W0CH-DAVE
KB9BVN-BRIAN

who are in my FP logbook so far for 2003.....

I hope to be on as much as possible to work you pigs.....

Thanks again...

Fred
VE3FAL
FP101.....

Date: Fri, 3 Jan 2003 23:39:49 -0500
From: "brian" <brian@iquest.net>
To: <flesnick@tbaytel.net>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [143991] Re: Thanks gang.....
Message-ID: <004801c2b3ab\$514c4e50\$fc612bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Fred,

This is the most fun I've had on the air in a long time...pig hunting
in the QRM is loads of fun...it's like a F**hunt on every other
Khz...hehehhe

----- Original Message -----

From: "Fred Lesnick" <flesnick@tbaytel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, January 03, 2003 11:31 PM
Subject: Thanks gang.....

> Not sure what happened to my emails that I sent out tonight, but I
never
> did get them back to my email address.....
> Just want to thank....
> K3ESE-LLOYD
> W8DIZ-DIZ
> KG4FSN-JUAN
> K4FB-PAUL
> W0CH-DAVE
> KB9BVN-BRIAN
>
> who are in my FP logbook so far for 2003.....
> I hope to be on as much as possible to work you pigs.....
> Thanks again...
>
> Fred
> VE3FAL

> FP101.....
>
>

Date: Fri, 3 Jan 2003 23:45:35 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [143992] Fox: KV2X Fox Log - "dupes"
Message-ID: <000301c2b3ac\$1f767940\$6b2a0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

If you, as a hound, are uncertain about bagging your pelt,
it is best to risk being a "dupe" then to discover you did
not in fact earlier bag your "uncertain" pelt. Better be
safe then sorry. Besides, often late in a hunt your "dupe"
does not deprive any other hound(s) from bagging a pelt
because there are times when no hounds are calling the FOX.

Tom, N1TP
Naples, Florida

Date: Fri, 3 Jan 2003 23:08:10 -0600
From: "Michael Morgan" <michael@aa5sh.com>
To: <qrp-l@lehigh.edu>
Subject: [143993] Wow. My RockMite Worked!!!!
Message-ID: <IKE0JAFNIAOHE00BAJIICEPFCCAA.michael@aa5sh.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well guys this is my first post, I have been reading the list for a few
months. Well I got the bug to try and build a RockMite. Well I got my
hands on a 40 meter RockMite a few weeks ago. So the last couple of nights
I soldered etc. This is my first kit. The only thing I ever soldered up
until now is connectors etc. Well I took my time following the checklist.
Marking off part by part until they were all marked off and every whole was
filled. To be honest it sat completely wired on the shelf for a couple of

days because I was a little scared to hook it up and smell smoke. Or it not work at all (not even wired good enough to smoke B^)). Well tonight I decided to put the connectors on it and see if it would sink or swim. Well to my amazement I hooked it up to the PS and a amplified speaker I use for my main rig and what do you know I hear about 3 or 4 operators sending right now. I actually check my main rig to see if I was hearing the signals on it. I sent a few dots and listened on my main rig and I got a good clean signal into my dummy load. I am amazed if you couldn't tell that I didn't slaughter the poor little rig. Now I just have to work the kinks out of my fingers and try to make a contact.

Thanks Dave for the great rig. This is one neat rig. It sounds great. Now I just have to put it into a box (That worries me now that I may mess something up in the transplant.

73's

Michael, AA5SH

Date: Sat, 4 Jan 2003 00:16:03 EST
From: JClinton46@aol.com
To: qrp-l@lehigh.edu
Subject: [143994] An observation
Message-ID: <d7.2147a6dd.2b47c813@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Fellow QRP-Ls

I use the web archives to keep up with the list. Catching up with a few days postings, I got to thinking about the list signal to noise ratio. Out of curiosity I went to the author view and checked the post distribution.

The number one poster had 29 posts, the second most frequent had 18 and the numbers went down quickly from there. To me, the "best signals" seemed to come from those with a moderate level of posts like Ed Hare and Dr. Megacycle - James Duffey (10 each). The high noise level seemed to come from a relatively few but frequent posters.

This data came from archives covering Dec 30 to Jan 03. Check the archive yourself if you want names attached to the noise <or maybe you know already :^) >.

What's my point? If you have nothing to say - maybe you should say nothing.

Taking my own advice I am out of here.

73,
Clint Poss, list lurker
KE4FDT

Date: Fri, 3 Jan 2003 23:49:00 -0500
From: Brian Short <bshort4@cox.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [143995] Re: An observation
Message-ID: <D72CEB66-1F9F-11D7-A632-00306543B616@cox.net>
Content-Type: text/plain; charset=US-ASCII; format=flowed
Mime-Version: 1.0 (Apple Message framework v551)
Content-Transfer-Encoding: 7bit

Evidently, I am the #2 problem person. No further posts from here.

Sorry that my participation could not reach your level of expectation.

Enjoy.

On Saturday, January 4, 2003, at 12:16 AM, JClinton46@aol.com wrote:

> Fellow QRP-Ls
>
> I use the web archives to keep up with the list. Catching up with a
> few days
> postings, I got to thinking about the list signal to noise ratio. Out
> of
> curiosity I went to the author view and checked the post distribution.
>
> The number one poster had 29 posts, the second most frequent had 18
> and the
> numbers went down quickly from there. To me, the "best signals" seemed
> to
> come from those with a moderate level of posts like Ed Hare and Dr.
> Megacycle
> - James Duffey (10 each). The high noise level seemed to come from a
> relatively few but frequent posters.
>
> This data came from archives covering Dec 30 to Jan 03. Check the
> archive
> yourself if you want names attached to the noise <or maybe you know
> already
> :^) >
>

> What's my point? If you have nothing to say - maybe you should say
> nothing.
>
> Taking my own advice I am out of here.
>
> 73,
> Clint Poss, list lurker
> KE4FDT
--
See my web page: <http://www.k7on.com>

Date: Fri, 3 Jan 2003 21:52:36 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [143996] Rock Mite Flea Fight - Log Correction
Message-ID: <001201c2b3b5\$7c6791d0\$1f1ff4d8@etclink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had a mistake in my (semi) Log tonight. That was Chuck K7Q0 not K7QZ. I remember that I had to ask for Chuck's call a couple of times as the was some QSB, but I must have written it down wrong. That's what I get for not writing the entire exchange down and asking for fills, Hi.

I'm going to drag my butt out of bed tomorrow at 6:30 (on a Saturday!) to try and work a few of you on 20 meters between 7am and 9am (1500-1700 UTC). This time I'll write it all down ;-)

Take care...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Fri, 3 Jan 2003 21:32:22 -0800
From: "larry hess" <hessls@csi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [143997] K2 FOR SALE
Message-ID: <005f01c2b3b2\$cab1dd80\$102bc0d8@m0u2v9>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Like new K2 with the following options:

KSB2 SSB Adaptor
KNB2 Noise Blanker
KAT2 Internal ATU
KAF2 Audio Filter

Firmware Revision 2.0.1h

Radio Shack mike

This great little unmodified K2 has been thoroughly checked by a local K1/K2 constructor. Price \$750.

Larry W8GTT

Date: Fri, 03 Jan 2003 23:52:25 -0700
From: "Lee Wilson" <ac7kt@hotmail.com>
To: QRP-L@Lehigh.EDU
Subject: [143998] HTX 10 and antenna
Message-ID: <F85RDKVBZsJIDhvVvho00029dae@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hello folks

I have 2 questions

1. Is the HTX 10 a good radio?.
2. What antenna would you use for base/portable operation?.

Thanks and 73's

Lee Wilson
AC7KT

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 04 Jan 2003 09:39:56 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: n1tp@swfla.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [143999] Re: Fox: KV2X Fox Log - "dupes"
Message-ID: <3E16ABEC.437046D7@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If the Hound has you in the log he will most likely send your call and "B4"
a couple of times and go back to looking for others.

Art
KB7WW

Tom Palmer wrote:

>
> If you, as a hound, are uncertain about bagging your pelt,
> it is best to risk being a "dupe" then to discover you did
> not in fact earlier bag your "uncertain" pelt. Better be
> safe then sorry. Besides, often late in a hunt your "dupe"
> does not deprive any other hound(s) from bagging a pelt
> because there are times when no hounds are calling the FOX.
>
> Tom, N1TP
> Naples, Florida

Date: Sat, 04 Jan 2003 09:41:48 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: n1tp@swfla.rr.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144000] Re: Fox: KV2X Fox Log - "dupes"
Message-ID: <3E16AC5C.40379483@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

SORRY SORRY not thinking well this time of night

Should read FOX I.L.O. Hound

Art

Arthur Moe wrote:

>
> If the Hound has you in the log he will most likely send your call and "B4"
> a couple of times and go back to looking for others.
>
> Art
> KB7WW
>
> Tom Palmer wrote:
> >
> > If you, as a hound, are uncertain about bagging your pelt,
> > it is best to risk being a "dupe" then to discover you did
> > not in fact earlier bag your "uncertain" pelt. Better be
> > safe then sorry. Besides, often late in a hunt your "dupe"
> > does not deprive any other hound(s) from bagging a pelt
> > because there are times when no hounds are calling the FOX.
> >
> > Tom, N1TP
> > Naples, Florida

Date: Sat, 04 Jan 2003 04:33:06 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, QRPP-I@yahooogroups.com
Subject: [144001] Rock Mite Audio Filter kits
Message-ID: <3.0.2.32.20030104043306.007e9100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

R-M Folks

For those of you who would like to try your hand at a surface mount kit and get a really useful filter for your Rock-Mite(s) Steve (melt solder) Weber posted this announcement message on QRP-L. Steve does limited quantity kits so get your order in early if you're interested.

You can see more info about the kit on his website

>From: Steven Weber <kd1jv@moose.ncia.net>

>Hi R/M fans!

>

>I'm about order the boards for the new Rock Mite Audio Filter. I decided to
>go with two stages of band pass filtering, centered on 700 Hz. You have the
>option of adding a switch to select one or both filters, depending on how
>much selectivity you need at the time. The filters are followed by a LM386
>audio amp, so you won't have any trouble driving any kind of headphones, or
>even a small speaker. There is also a direct, low passed input to the LM386
>to inject side tone into, so you can have volume independant side tone
>level. This filter will run on 6 to 14 volts.

>

>Because of the added gain the LM386 provides, I'll include two resistors
>for reducing the gain of the audio pre amp on the R/M board. You will
>probably want to add a volume control too, which is not included. A small,
>.2" square trimmer can be mounted to the board for volume, if a full sized
>control isn't practical to mount in your enclosure.

>

>The board is roughly half the size of the R/M and has two mounting holes
>which line up with the mounting holes on the end of the R/M. All surface
>mount parts are used, so the filter has very low profile.

>

>The kit will cost \$12.00 post paid. We should start shipping by the end of
>January, maybe a bit sooner. Here's my address, so I don't have to keep
>repeating it :-)

>

>Steven Weber
>633 Champlain St
>Berlin, NH 03570

>

>Was going to start by ordering 200 boards, but with a number of people
>already asking for 2, 4 or more filter kits, and 1400+ R/M's out there,
>maybe I should do more?

>

>

>72,
>Steve, KD1JV
>"Melt Solder"
>White Mountains of New Hampshire
><http://www.qsl.net/kd1jv/>

>

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sat, 04 Jan 2003 05:46:31 -0600

From: Chuck Carpenter <w5usj@9plus.net>
To: Rock-Mite_Group@yahooogroups.com, qrp-l@lehigh.edu,
QRPP-I@yahooogroups.com
Subject: [144002] 2N2222As vs 2N3053
Message-ID: <3.0.2.32.20030104054631.008f5100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

Did a quick check with the subject devices.

Conclusion:

With 6.8 Ohms at R18 and using a good heatsink, the 2N2222A will deliver just as much power as the 2N3053A. Keep the 2222s and use a good heatsink.

I didn't have a 6.8 Ohm so I used a 5.1 and 1 Ohm in series for 6.1 Ohms. The power output for both transistors was essentially the same (~650 mW in my souped up R-M/40). Doing a few calculations on current and power in the devices indicates that this is near the upper limit of dissipation for the 2222s.

A sample of one is not a good test! But using a 2N3053 in place of a 2N2222 is only of benefit for much higher power levels (R18 $\leq$ 5.1 Ohms). Also, the 3053s are not as good a device at higher frequencies -- 2222s = 200 MHz, 3053s = 100 MHz. My choice for higher power would be a 2N2219A (also 200 MHz) or some equivalent.

In order to account for variations in device tolerances, a larger sample of parts needs to be tested. Also the test should be done in a stock R-M/40 or R-M/20 to be of benefit to most R-M owners. Hope to do that in the near future.

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Sat, 4 Jan 2003 06:51:43 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: <rod@n0rc.us>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144003] Re: 30m
Message-ID: <3E16CACF.000012.01716@DOR>

MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D

=0D

-----Original Message-----=0D

=0D

From: rod@n0rc.us=0D
Date: Friday, January 03, 2003 11:06:54 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: 30m=0D

=0D

While calling CQ during the Flea Fest tonight I got to thinking, had a=0D
lot of time to do that. ;-) Why don't we play on 30m more?=0D

=0D

-----=0D

=0D

30m is a great band, 73 countries worked qrp so far... it suprizes me tha=
t
not very many qrpers are on it.. it has very interesting propagation at t=
ime

And can even provide some good dx during he daylight hours at times. S=
ee

You All on 30M=0D

=0D

73 Dave-Kc1di =0D

=0D

=20

Date: Sat, 04 Jan 2003 07:45:57 -0500
From: Kenneth Cooperstein <cprstn54@att.net>
To: qrp-l@Lehigh.EDU
Subject: [144004] FS: Ten-Tec CW QRP 1340 & 1380
Message-ID: <3E16D785.DC95CE82@att.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

I have for sale two Ten-Tec full QSK CW QRP transceivers, assembled,
both 10's operationally and cosmetically. Assembly manuals included.
The 1340 is for 40M and the 1380 is for 80M.

See: <http://www.tentec.com/Ttqrpcw.htm>

I just received an FT-817 as a gift

\$70 each plus actual shipping.

Ken KC2JDY
631-754-5524

Date: Sat, 4 Jan 2003 04:50:08 -0800 (PST)
From: Jim Cluett <w1pid@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [144005] RMFF Flea Circus
Message-ID: <20030104125008.90812.qmail@web11601.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Man what a flea circus. I worked W2AGN right off the bat. John was booming into New Hampshire. Then I worked WJ9B. Will had a nice signal too, but the QRM was pretty fierce. After that I called in the fleas and grounded the antenna. Huge snow storm with wind was causing static arcing on the antenna. thanks guys. Flea Fight? My fleas love your fleas. Jim w1pid@arrl.net

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Sat, 4 Jan 2003 08:37:31 -0500
From: "Harold Smith" <harold.smith1@worldnet.att.net>
To: <Rock-Mite_Group@yahoogroups.com>, <qrp-l@lehigh.edu>, <QRPP-I@yahoogroups.com>, "Chuck Carpenter" <w5usj@9plus.net>
Subject: [144006] Re: [QRPP-I] 2N2222As vs 2N3053
Message-ID: <001101c2b3f6\$6fab01c0\$4908550c@tinker>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would second this recommendation. The 2N2222A and the 2N2219A, which is the same transistor die in a higher-dissipation package, are higher frequency devices than the 2N3053, and should be better as RF amps in general, especially above about 5 MHz.

de KE6TI, Harold

> Conclusion:

>

> With 6.8 Ohms at R18 and using a good heatsink, the 2N2222A will deliver
> just as much power as the 2N3053A. Keep the 2222s and use a good
heatsink.

>

> Also, the 3053s are not as good a device at higher frequencies -- 2222s =
> 200 MHz, 3053s = 100 MHz. My choice for higher power would be a 2N2219A
> (also 200 MHz) or some equivalent.

>

Date: Sat, 4 Jan 2003 06:34:41 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [144007] OT: Quicken has been replaced
Message-ID: <Pine.LNX.4.44.0301040606100.1276-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This morning I looked at my bank statement on the internet. The total is the result of wire transfers (internet) from Paypal for things I sold on E-Bay, my annuity is also a wire transfer. And all the checks we write for "stuff" is listed. My wife likes to have a check stub to verify the amount spent.

I just received a card from our bank that allows me to get cash from a robat machine, buy something and pay with a Credit Card, or pay with a Debit Card. It's the same card! What happens is this: If you pay with it as a Credit Card, the bill is excepted by Visa, but then it's sent direct to my bank and it debits my account (internet). What also happens is the store must pay Visa about 2% of the total cost.

Now when I go to Sam's which will not accept a Credit Card, I use the same card but press the Debit key and this causes the total amount of my bill to be removed from my bank account and is sent to Sam's account. This takes seconds of time.

I get home and want to see how the finances are in our family. Or my wife does. I just turn on my Web Browser and connect to my bank's Web Page. There I log in with a passord and it shows me my account. If I

want to I can print part or the whole mess. Or I can save it in a form that I can enter into a Xcel (or Open Office) spread sheet! So if I want to, I can keep a record at home.

What happens if the Web Page is broken? I can call a number and after proving who I am, They tell me the total and anything else I need.

What happens if the Card is lost? If you call them within 2 days of loosing the card your greatest loss will be \$50.00.

How do you get such a thing? Check with the bank your now using. They should have a debit card and this new credit card combination. They should have a web page too.

So Quicken and GnuCash are now obsolete software.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Sat, 4 Jan 2003 08:34:31 -0500
From: "Kevin Gray" <k8su@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144008] Ten Tec Argonaut
Message-ID: <OCEPILKFPJMGHKIMLFOCAEMJCIAA.k8su@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Works perfect. Selling for \$175 plus shipping. No mic, copy of manual. Rig has some marks on top of the case and some marks around the knobs. It appears some of the knobs are not original. PTO turns smooth and rig works as good as any I have had. Would really like to trade for older ham gear. Keys, speakers, tube rigs, Drake or Collins gear even if I need to add cash.

Have pics I can email.

Thanks,

KEvin

k8su@adelphia.net

Date: Sat, 4 Jan 2003 08:44:58 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [144009] Re: Fox: KV2X Fox Log - "dupes"
Message-ID: <000301c2b3f7\$79706be0\$6b2a0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A FOX will not always recall during the hunt that a hound who is calling again is already in the log - a "dupe."

If every FOX would always recall every time when a "dupe" hound is calling again would there never be a dupe QSO listed in the pre-log. Approximately half of the preliminary logs have one dupe, but only once or twice has a pre-log listed more than one "dupe." Also, if each FOX always discovered every "dupe" originally listed in every pre-log before posting same, each FOX would delete each "dupe" and, therefore, no "dupe" would ever be published in any pre-log.

BTW, when a hound has a "dupe" the rule is that the hound gets credit for the first QSO and the 2nd "dupe" QSO is to be deleted from the LOG.

Of course, when band conditions are good there are less "dupes." Poor band conditions cause more "dupes." When band conditions are really poor, dupe callers can be "a real pain" for the FOX, but that's all part of being a FOX.

I know from personal experience that it's a real disappointment to think you have bagged a pelt, only to find out later that the reply you thought you heard was NOT the FOX replying to you.

Finally, only 3 or 4 times has a hound not been listed in a pre-log because the FOX - in error- simply forgot to insert such valid "pelt" QSO into the pre-log.

Happy New Year to all.

Tom, N1TP
Naples, Florida

P.S.

The Fiesta Bowl last night was a "classic"!

It was one of the best college football games ever. Ohio State's quarterback, Craig Krenzel, IMHO not possessing great athletic skills (and IMHO not much of a prospect to play any position in the NFL) , did what needed to be done to win the game. It's always fun and good to see any athlete without superior athletic ability do what it takes to WIN.

Miami's great running back, Willis McGahee, suffered what may be a serious knee or leg injury. I hope Willis' is not hurt too badly! Absent a serious injury Willis has a great NFL career to look forward to.

Tom, N1TP
Naples

Date: Sat, 04 Jan 2003 08:56:55 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [144010] 20 m condx for RMFF this am + DSWTUN03 project update
Message-ID: <BAY1-F196NymWzAKbn0000017e0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Went out to the mobile just now to warm 'er up and to give a listen on 20 with the 'Rockster' and the Hustler whip.
Heard a 6Y5, some Fists and some County Hunters down the band a ways from 14060. I'm putting out a whopping 250 mW so listen hard during the RMFF, 20-meter edition...1500-1700 UTC today. Having to remember to toggle my RM-20's freq occasionally in case someone's rig zerobeats my receiver instead of my xmtr :)

The DSWTUN03 interface schematic & 'custom conversion socket' have changed several times already so don't be surprised if they change several times more before the project is done. It would be better if I knew what I was doing...kinda feeling my way on this one...
And the software...that's a whole 'nuther story...

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 4 Jan 2003 08:05:16 -0600
From: "Charles" <cvest@hit.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144011] Re: Quicken has been replaced
Message-ID: <007701c2b3fa\$4fa4ee00\$5911ecd8@hppav>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well not exactly new(what did you think all of those ATM's were used for a fancy video game ???) since I have had the credit debit card for 6 or 7 years and they say Okies are slow !!
The credit card company charge to the business used to be 4 % when I had my business.

Date: Sat, 4 Jan 2003 09:06:40 -0500
From: "Tom Palmer" <n1tp@swfla.rr.com>
To: <qrp-l@Lehigh.EDU>
Subject: [144012] FOX N0TK Preliminary Log: Error-free?
Message-ID: <000301c2b3fa\$814b8040\$6b2a0843@swfla.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

An impossibiity may have occurred. Dan's pre-log may (?) -
for the first ever - be an error-free pre-log! Time will
tell.

Notwithstanding serious (sometimes triple checking for errors) efforts by some of the FOXes to publish an error-free pre-log, thus far each pre-log has contained at least 1 error. 22 errors is the all-time pre-log error record. Most pre-logs have 3 to 4 errors.

Approximatey 50% of all pre-logs are published showing 1 "dupe." Most, but not all, FOXes try to remove "duplicates" before publishing their pre-log. Without a computer program to highlight "duplicates" it's interesting just how darn difficult it is to discover "duplicates."

Tom, N1TP
Naples, Florida

"Official scorekeeper" for the QRP-L Foxhunts.

Date: Sat, 04 Jan 2003 09:07:46 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144013] Re: RMFF
Message-ID: <3E16A462.534.2B8FAF@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

> Rod, Doc, and all RMers
>
> That was interesting to say the least. Heard lots of stations part of the
> time but never long enough to make many Qs. Between the QSB, QRM and
> Signal levels overwhelming my ears the results were not too good. Sorry I
> couldn't get more RMers in the log.

Great fun. I heard W5USJ well, but for some reason, he was outside my passband (very low note on one, nil on the other) so no 1000 pt QS0.

QS0s with W2TAG, W1PID, WJ(B, WA2VLA, AB1AV and W40GZ.

On to 20m!

+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 04 Jan 2003 09:52:29 -0500
From: jennings@eznet.net
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144014] Re: Fox: KV2X Fox Log - "dups"
Message-ID: <3E16AEDD.27334.2867B92E@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Hounds,
As a matter of policy I log all dups. This is a result of my experience as part of a Rover team during the VHF contests. Trying to be as reliable and efficient as possible we use paper logging and developed a log "form". It contains a space for the stations call and space for each band we have. So all we do is just enter the call, grid, and time. As we "run the bands" we just enter the time. If the front op makes a qso, he can pass the sheet back to the other op and he can run the bands and all he does is enter the times. There is no worry about computer qrm or hard disks crashing. We don't bother keeping track of dups during the contest unless the station we call says we are a dup. After the contest is when we find the dups but leave them in the log and flag it as dup. That way both contacts are in the log but only one is counted. Who knows which contact the other station will log... better safe than sorry.
For the fox hunts I paper log and after the hunt I enter the contacts in an Excel spread sheet and then sort to find the dups.
Interesting discussion...
73
Tom kv2x

> A FOX will not always recall during the hunt that a hound
> who is calling again is already in the log - a "dupe."
>
> If every FOX would always recall every time when a "dupe"
> hound is calling again would there never be a dupe QSO
> listed in the pre-log. Approximately half of the
> preliminary logs have one dupe, but only once or twice has a
> pre-log listed more than one "dupe." Also, if each FOX
> always discovered every "dupe" originally listed in every
> pre-log before posting same, each FOX would delete each

> "dupe" and, therefore, no "dupe" would ever be published in
> any pre-log.
>
> BTW, when a hound has a "dupe" the rule is that the hound
> gets credit for the first QSO and the 2nd "dupe" QSO is to
> be deleted from the LOG.
>
> Of course, when band conditions are good there are less
> "dupes." Poor band conditions cause more "dupes." When
> band conditions are really poor, dupe callers can be "a real
> pain" for the FOX, but that's all part of being a FOX.
>
> I know from personal experience that it's a real
> disappointment to think you have bagged a pelt, only to find
> out later that the reply you thought you heard was NOT the
> FOX replying to you.
>
> Finally, only 3 or 4 times has a hound not been listed in a
> pre-log because the FOX - in error- simply forgot to insert
> such valid "pelt" QSO into the pre-log.
>
> Happy New Year to all.
>
> Tom, N1TP
> Naples, Florida
>
> P.S.
>
> The Fiesta Bowl last night was a "classic!"
>
> It was one of the best college football games ever. Ohio
> State's quarterback, Craig Krenzel, IMHO not possessing
> great athletic skills (and IMHO not much of a prospect to
> play any position in the NFL) , did what needed to be done
> to win the game. It's always fun and good to see any
> athlete without superior athletic ability do what it takes
> to WIN.
>
> Miami's great running back, Willis McGahee, suffered what
> may be a serious knee or leg injury. I hope Willis' is not
> hurt too badly! Absent a serious injury Willis has a great
> NFL career to look forward to.
>
> Tom, N1TP
> Naples
>
>

Date: Sat, 4 Jan 2003 10:02:52 -0500
From: "Lee Mairs" <lmairs@direcway.com>
To: "qrpl" <qrpl@Lehigh.EDU>
Subject: [144015] 2N2222 Heat sinks?
Message-ID: <009301c2b402\$5e70a4d0\$3b6d020a@boomer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck raises a good point. Does anybody have a stock number for some heat sinks that will fit on the 2N2222?

We had some great little red finned ones that gripped the 2N2222 firmly for the last 2N2-40 group build - about a year ago. Unfortunately, nobody knows where the heat sinks came from. I've been thru my entire junk box, but I can't find anything small enough.

73 de Lee
KM4YY

----- Original Message -----

From: "Chuck Carpenter" <w5usj@9plus.net>
To: "Low Power Amateur Radio Discussion" <qrpl@Lehigh.EDU>
Sent: Saturday, January 04, 2003 6:46 AM
Subject: 2N2222As vs 2N3053

> Folks,
>
> Did a quick check with the subject devices.
>
> Conclusion:
>
> With 6.8 Ohms at R18 and using a good heatsink, the 2N2222A will deliver
> just as much power as the 2N3053A. Keep the 2222s and use a good
heatsink.
>
> I didn't have a 6.8 Ohm so I used a 5.1 and 1 Ohm in series for 6.1 Ohms.
> The power output for both transistors was essentially the same (~650 mW in
> my souped up R-M/40). Doing a few calculations on current and power in
the
> devices indicates that this is near the upper limit of dissipation for the
> 2222s.

>
> A sample of one is not a good test! But using a 2N3053 in place of a
> 2N2222 is only of benefit for much higher power levels (R18 =/ < 5.1 Ohms).
> Also, the 3053s are not as good a device at higher frequencies -- 2222s =
> 200 MHz, 3053s = 100 MHz. My choice for higher power would be a 2N2219A
> (also 200 MHz) or some equivalent.
>
> In order to account for variations in device tolerances, a larger sample
of
> parts needs to be tested. Also the test should be done in a stock R-M/40
> or R-M/20 to be of benefit to most R-M owners. Hope to do that in the
near
> future.
>
> Email Alt: w5usj@arrl.net
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>
>

Date: Sat, 4 Jan 2003 09:25:49 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144016] RE: An observation
Message-ID: <01C2B3D3.45B42360.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Well that's interesting, but too easy.

You're going to have to look at quality as well as quantity. Look for
those that just say "me too" and those that just have to automatically
disagree with everything. Like this one.

72--Nick, WA5BDU

--What was my count?

On Friday, January 03, 2003 11:16 PM, JClinton46@aol.com
[SMTP:JClinton46@aol.com] wrote:
> Fellow QRP-Ls
>

> I use the web archives to keep up with the list. Catching up with a few days
> postings, I got to thinking about the list signal to noise ratio. Out of
> curiosity I went to the author view and checked the post distribution.
>
>

Date: Sat, 04 Jan 2003 08:25:43 -0700
From: "P. Ermisch" <ermisch@usa.net>
To: <grp-1@Lehigh.EDU>
Subject: [144017] KG6CYN DDS group component purchase
Message-ID: <409HaDPZr0336S21.1041693943@uwdvg021.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I am coordinating a group buy of parts for the KG6CYN DDS kit. If you are
interested in participating, please do the following:

1. Download the Excel-version parts list from =

http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20XL.zip

If this link doesn't work for you, let me know and I will e-mail a copy of the
spreadsheet

2. Indicate the quantities you require for each part in column "I" of the
spreadsheet and send it to me at this address or kb0lur@arrl.net as an
attachment. If you cannot do this, let me know and we'll work out something
else. If you get bounces, I apologize in advance - just resend the email if
that happens.

I will then compile and inform everyone of their personal total. I will not
make the orders until funds have been received. =

FYI, I also know that another ham has extra parts on hand and may announce

their availability on this list soon. =

Paul KB0LUR

Date: Sat, 04 Jan 2003 15:16:49 GMT
From: psschwarz@kellnet.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144018] Re: HTX 10 and antenna
Message-ID: <20030104151649.12079.qmail@mail.kellnet.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed; charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HTX 10 is very nice and easy to operate. It is my mobile coupled to a Hamstick with a Diamond K400 trunk mount. Crystal clear audio.

Patrick...KB8RTZ...

Lee Wilson writes:

> Hello folks
>
> I have 2 questions
>
> 1. Is the HTX 10 a good radio?..
>
> 2. What antenna would you use for base/portable operation?..
>
> Thanks and 73's
>
> Lee Wilson
> AC7KT

Date: Sat, 04 Jan 2003 15:39:55 +0000
From: k4vib@att.net
To: qrp-1@Lehigh.EDU
Subject: [144019] Re: 30m
Message-ID: <20030104153956.EWXQ9286.mtiwmhc11.worldnet.att.net@mtiwebc14>

My only rig right now is a homebrew original design 30m superhet QRP xcvr and I work all the stations I want. Sometimes some pretty good DX. I once worked

Slovenia on 30m from Mobile AL using 1.5watts! That got me my 1000miles per watt award on 30m. I luv 30m!!!

Bill

K4VIB

> While calling CQ during the Flea Fest tonight I got to thinking, had a
> lot of time to do that. ;-) Why don't we play on 30m more?
>
> Many of use live in compromise antenna situations. The antenna for 30m
> is shorter and can be lower. Advantage 30m.
>
> 30m has a power limit. Advantage 30m (to us low power types)
>
> QRM from Digi/SSB on 30 is less than 40 IMHO. Advantage 30m
>
> No contests on 30. Advantage 40m (not a biggie for me)
>
> No foxhunts on 30. Advantage 40m for many.
>
> You may not have license privileges on 30m. Advantage 40? Nope. Can
> you think of a better reason to upgrade? Advantage 30m.
>
> Propagation on 30 is more interesting, kinda like 40, open somewhere
> always it seems. Kinda like 20 with interesting DX possibilities.
>
> 30 has "numbers stations"! ;-)
>
> Now there are those who may think that with sunspot activity
> decreasing, 30 should be avoided. I say nay; I say prove it.
>
> I bet when that new NorCal 30 hits the streets 30 will se more action.

> Elecraft owners, how about trying for the CC on 30m? Don't have a 30m
> rig? Good excuse to buy a new kit and melt some solder.
>
> Frankly, I can't think of reason not to use 30 more often. I for one
> will be using 30m more. See you there?
>
> *** Happy Holidays ***
> 73, Rod NØRC
>
>
>
>
>

Date: Sat, 4 Jan 2003 09:43:47 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144020] RE: Antenna question; leakage; binocular cores
Message-ID: <01C2B3D5.C8394E80.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I've mainly heard the term "leakage inductance" applied to conventional transformers. It comes from flux that links one winding only, rather than both. I really don't see how leakage inductance is going to reduce Q or decrease efficiency though. Air core coils are pretty high Q and are often used as feed line common mode chokes in lieu of those using ferrite cores.

My understanding is that the Z of windings on ferrites often has a large resistive component, resulting in only moderate Q at best. But Q is not a big issue in this application, since the goal is to choke the CM currents down to a very small value. If this is achieved, there will not be much power loss in the cores. I do realize however, that in high power applications even the small amount of power dissipated in the cores has to be considered when designing the choke balun.

I hadn't seen anyone recommend binocular cores for feedline choke baluns before. But now I've done some Google searches and see that some pretty serious ops do just that. I'd like to learn more about the application of those cores in feedline chokes and in circuits. Do you use a core with large enough holes so that you can wind multiple turns of coax through it? Or do you make bifilar windings of smaller wire and connect that to the coax on each end?

72--Nick, WA5BDU

Christrask@earthlink.net wrote:

Date: Sat, 04 Jan 2003 08:44:26 -0700
From: "P. Ermisch" <ermisch@usa.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144021] Re: [KG6CYN DDS group component purchase]
Message-ID: <283HaDPSA8080S08.1041695066@uwdvg008.cms.usa.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

I have a plain text version of the parts list for those without Excel and
can
send it out on request.

P. Ermisch <ermisch@usa.net> wrote:

> I am coordinating a group buy of parts for the KG6CYN DDS kit. If you =
are
> interested in participating, please do the following:
> =

> 1. Download the Excel-version parts list from =

> =

>

http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20XL.zip

> =

> If this link doesn't work for you, let me know and I will e-mail a copy=
of
the
> spreadsheet
> =

> 2. Indicate the quantities you require for each part in column "I" of =
the

> spreadsheet and send it to me at this address or kb0lur@arrl.net as an
> attachment. If you cannot do this, let me know and we'll work out
something

> else. If you get bounces, I apologize in advance - just resend the ema=
il
if
> that happens.
> =

> I will then compile and inform everyone of their personal total. I wil=
l
not
> make the orders until funds have been received. =

> =

> FYI, I also know that another ham has extra parts on hand and may annou=
nce

> their availability on this list soon. =

> =

> Paul KB0LUR

> =

> =

Date: Sat, 4 Jan 2003 08:03:46 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <ermisch@usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144022] Re: [KG6CYN DDS group component purchase]
Message-ID: <006001c2b40a\$dcff80c0\$f80df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There is also a PDF version of the parts list for printing (although you can't edit it ;-) at:

http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20PDF.zip

Thanks for taking the time to do this Paul!

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: P. Ermisch <ermisch@usa.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 7:44 AM
Subject: Re: [KG6CYN DDS group component purchase]

> I have a plain text version of the parts list for those without Excel
and can

> send it out on request.

>

> P. Ermisch <ermisch@usa.net> wrote:
> > I am coordinating a group buy of parts for the KG6CYN DDS kit. If
you are
> > interested in participating, please do the following:
> >
> > 1. Download the Excel-version parts list from
> >
> >
>
http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20XL.zip
> >
> > If this link doesn't work for you, let me know and I will e-mail a
copy of
> the
> > spreadsheet
> >
> > 2. Indicate the quantities you require for each part in column "I"
of the
> > spreadsheet and send it to me at this address or kb0lur@arrl.net as
an
> > attachment. If you cannot do this, let me know and we'll work out
> something
> > else. If you get bounces, I apologize in advance - just resend the
email
> if
> > that happens.
> >
> > I will then compile and inform everyone of their personal total. I
will
> not
> > make the orders until funds have been received.
> >
> > FYI, I also know that another ham has extra parts on hand and may
announce
> > their availability on this list soon.
> >
> > Paul KB0LUR
> >
> >
>
>

Date: Sat, 04 Jan 2003 17:02:53 +0100
From: Ingo Meyer DK3RED <dk3red@gmx.net>

To: qrp-1@Lehigh.EDU
Subject: [144023] Re: 2N2222 Heat sinks?
Message-ID: <5.1.1.6.1.20030104165113.00a11340@pop.gmx.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hello Lee and all other QRPers,

>Chuck raises a good point. Does anybody have a stock number for some heat
>sinks that will fit on the 2N2222?

Here are my variants for homemade heat sinks for electronic parts in small plastic and metal cases.

Variant 1 (for artists HI): Use a small copper pipe (hobby stores) with an ID a little bit smaller than the 2N2222 case. Cut one end of the pipe in 4 or 6 small strips and bend the strips in a right angle. The heat sink will look like a small star (finger heat sink).

Variant 2 (for others like me): Use a thick/solid metal plate (3-5mm) of copper or alumin(i)um. Drill a hole (a little bit smaller than the transistor case) in the plate and press the 2N2222 transistor gently (!) in the plate. You can also screw on the metal plate with the transistor on the inner metal surface of the Altoid.

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>
QRP ARCI #11295 <http://www.qrparci.org>

Date: Sat, 04 Jan 2003 11:03:03 -0500
From: jennings@eznet.net
To: qrp-1@lehigh.edu
Subject: [144024] Fox: KV2X Fox Log V1.001
Message-ID: <3E16BF67.5389.28A8580D@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Here is my second pass for your inspection.
Corrections made and dups removed.

73

Tom kv2x

Time	Call	RST	SPC	Name	PWR	
201	W5TB	559	TX	DOC	5W	
201	WA9TZE		559	WI	JIM	5W
204	KK5LD		559	TX	DAN	5W
204	N3BJ	559	VA	ALAN	5W	
205	N0UR	579	MN	JIM	5W	
206	W9XU	559	WI	LON	5W	
207	K8HJ	559	MI	JOHN	5W	
209	WE9K	599	WI	GLENN		5W
210	W5YR	559	TX	GEORGE		5W
211	N4ROA		559	VA	DAN	5W
212	K0EVZ		559	ND	DOC	5W
213	K5AIC		559	MS	HERB	5W
213	W0CH	559	MO	DAVE	5W	
214	K9DC	559	IN	DAVE	5W	
215	K4BYF		559	FL	JACK	3W
216	N9WX	579	MN	MIKE	5W	
217	K5SR	579	TX	DALE	5W	
218	K0PC	559	MN	PAT	5W	
221	K3PH	559	PA	BOB	5W	
223	K3ESE		559	MD	LLOYD	5W
225	N5ZE	559	TX	LEW	5W	
226	K5ZTY		559	TX	BILL	5W
227	K4ADI		559	SC	FRANK	5W
228	K2ZN	559	NY	AL	5W	
230	K4FB	559	FL	PAUL	5W	
232	W5USJ		559	TX	CHUCK	5W
233	KR5C	559	TX	GEORGE		5W
235	K4GT	559	GA	JIM	5W	
235	WS4S	559	TN	CONARD		5W
237	K40AH		559	GA	GAREY	5W
238	AA50	559	VA	VERN	5W	
240	VE6EX		559	AB	DAN	5W
241	K5EOA		559	KA	WAYNE	5W
242	WB4X	559	NC	BRENT		5W
243	AF4LQ		559	KY	MIKE	5W
244	AB9CA		559	AL	DAVE	5W
247	AC5JH		559	OK	TOM	5W
248	AC7A	559	AZ	TOM	5W	
249	AJ4AY		559	AL	JAY	5W
252	W5KDJ		559	TX	WAYNE	700MW
254	N1TP	559	FL	TOM	5W	
256	N5EBD		599	TX	KEN	5W
256	N7XY	559	WA	BOB	5W	
259	KC9LC		559	VA	RANDY	5W
301	AG0T	559	ND	TODD	4W	
304	AB5XQ		559	AR	BILL	5W

307	KQ5U	559	TX	TERRY	5W
309	K5DW	559	TX	DON	5W
312	WD7Z	559	NM	DAVE	5W
313	K5DI	559	NM	KARL	5W
314	NV4V	559	KY	PETE	5W
316	KD5CMN	559	TX	MIKE	5W
319	KR0U	339	CO	TIM	5W
324	AF4PP	559	GA	CHUCK	5W
328	N6LIF	559	TX	MARTIN	5W
329	KI0II	559	CO	RON	5W
331	KB7WW	559	OR	ART	5W
332	K5FSE	559	GA	JACK	5W
333	N2WW	559	CO	LARRY	5W
335	NQ7X	559	AZ	FLOYD	5W
338	N1FN	559	CO	ET	5W
340	K5OI	559	OK	TIM	5W
345	K5JHP	559	TX	BILL	5W
346	W0UFO	559	MN	MERT	5W
400	N0TK	559	FOX	DAN	5W
400	KV2X	559	FOX	TOM	5W

Date: Sat, 4 Jan 2003 11:15:07 -0800
 From: "Dave Benson" <nn1g@earthlink.net>
 To: "Lee Mairs" <lmairs@direcway.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
 Subject: [144025] Re: 2N2222 Heat sinks?
 Message-ID: <000f01c2b425\$99231cc0\$bee5d73f@pavilion>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Lee-

Mouser Electronics, # 532-322400B00. DigiKey also carries them, but I don't have their part number.

73- Dave, K1SWL

>>

-----Original Message-----

From: Lee Mairs <lmairs@direcway.com>
 To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
 Date: Saturday, January 04, 2003 7:03 AM
 Subject: 2N2222 Heat sinks?

Chuck raises a good point. Does anybody have a stock number for some heat sinks that will fit on the 2N2222?

<<

Date: Sat, 4 Jan 2003 09:31:26 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [144026] FS/FT
Message-ID: <000501c2b40e\$bb7a6e20\$c0ce1341@callahan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Viz volt/ohm meter, Bread Board, Lots of 35MM Camera equipment reply direct
please colcal@srv.netthanks for BW KF7ET

Date: Sat, 04 Jan 2003 16:37:59 +0000
From: Larry Cahoon <lejek@erols.com>
To: k7qo@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [144027] Re: 2000 mAh AA rechargable NiMH batteries
Message-ID: <5.1.0.14.0.20030104162352.02963cd0@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 06:54 PM 1/3/2003 -0800, Chuck Adams, K7Q0 wrote:

>I have their MH-C204F charger which I picked up on sale at
>Pacificon and I think it was like \$18 or something like that
>and I see that the MSRP is \$41 and some change.

<snip>

>I have yet to have a AA go bad with any of the chargers that
>have a uP embedded in them.....

I've lost two recently, one due to venting, using the Maha Charges. I
figure the one vented due to overheating. I am figuring that as the

batterers begin to show their age they really begin to need more careful charging. So I went out and got one of the newer MH-C401FS chargers. This thing holds four batteries but charges each one individually. This way I avoid the risk of overheating one battery because the other one in the pair is not yet fully charged.

But you are right, with the way the prices of the NiMH batteries are dropping and how well they work I have just about given up on the older Alkaline batteries. Their only drawback is their, what I consider, fast self discharge rate.

73 de Larry.....WD3P in MD
<http://www.wd3p.net/>

Date: Sat, 4 Jan 2003 11:45:40 -0500
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [144028] Re: Baluns: homebrew vs commercial
Message-ID: <00e601c2b410\$b8035de0\$13e5fea9@glynn981>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gary and gang,

The below text is from a posting from a contester who measured 1:1 baluns and drew the following conclusions. I've wound coax chokes on 2 liter Coke bottles as a form, taped it up and cut away the rest of the bottle with a shop knife. You would introduce additional loss to the system as was indicated before with high SWR so maybe use better coax to the tuner from the balun?

Conclusions

-
- A 1:1 coaxial balun with excellent choking reactance for 10 through 20 meters can be made by winding 6 turns of RG-213 on inexpensive 4 inch PVC sewer pipe.
 - For 40 or 30 meters, use 12 turns of RG-213 on 4 inch PVC sewer pipe.
 - Don't bunch the turns together. Wind them as a single layer on a form. Bunching the turns kills the choking effect at higher frequencies.

- Don't use too many turns. For example, the HyGain manuals for my 10 and 15 meter yagis both recommend 12 turns 6 inches in diameter. At the very least this is about 3 times as much coax as is needed, and these dimensions actually give less than the desired choking impedance on 10 and 15 meters.

Roy W7EL sent me this recently on the subject:

I use 8-10 turns of RG-174 on a 1.25" ferrite toroid, type 43 or any of the 70 series ferrites. I mount it at the feedpoint with a couple of cable ties or a spot of hot melt glue or RTV.

GL

72 Kevin N2TO
Brooklyn, NYC
QRP-L #323
kfglynn@mindspring.com

Date: Sat, 4 Jan 2003 09:49:19 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-l@lehigh.edu
Subject: [144029] Re: Quicken has been replaced
Message-ID: <20030104.094920.-445959.4.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

WHO CARES!! - it is NOT qrp related and
should be taken to the budget list or some such.

Everyone in recent years of banking experience knows
all of that. And to repeat here is redundant.

So much to absorb, so little sponge!
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R QRP-ARCI 5784
El Paso, (FAR WEST) TEXAS

Date: Sat, 4 Jan 2003 11:56:05 -0500
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [144030] Re: straight key recommendation needed
Message-ID: <00eb01c2b412\$2c154e40\$13e5fea9@glynn981>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gary,

I have an old flameproof Navy key that I mounted on a small block of wood that I like best. It has a large Navy knob and handles supurbly. I have the Bencher straight key which is nice too. I took out the spring and softened it up a bit. After putting it back it made the key a lot smoother.

I also have a few other straight keys, one from South Africa that's good for portable use but not so great for home use.

I believe Fair Radio Sales had a key for about \$22 if I remember right. I bought one from them. If you can get one it's a great deal. Clean it up a bit and you'll have a nice key. It's marked "Key W.T. 8 Amp. No. 2 Mk. III."

GL

72 Kevin N2T0
Brooklyn, NYC
QRP-L #323
kfglynn@mindspring.com

Date: Sat, 4 Jan 2003 09:04:37 -0800
From: George Fremin III - K5TR <geoiiii@kkn.net>
To: "Kevin F. Glynn" <kfglynn@mindspring.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144031] Re: Baluns: homebrew vs commercial
Message-ID: <20030104170436.GA25675@kkn.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Sat, Jan 04, 2003 at 11:45:40AM -0500, Kevin F. Glynn wrote:
> Hi Gary and gang,
>

> The below text is from a posting from a tester who measured 1:1 baluns
> and drew the following conclusions. I've wound coax chokes on 2 liter Coke
> bottles as a form, taped it up and cut away the rest of the bottle with a
> shop knife.

This is a great way to go but I hate using all that coax.

For all of my yagis I use ferrite beads that are big enough to slip
over the outside of the RG-213 size coax that I use.

FB-43-1020 from Amidon 1.0" dia, 1.12" long, 0.50" hole

I use about 8 of them for 10-30 mhz.

I use more for antennas below 10 Mhz.

--

George Fremin III - K5TR
geoiiii@kkn.net
<http://www.kkn.net/~k5tr>

Date: Sat, 4 Jan 2003 12:05:50 -0500
From: "Mark Paley" <mpaley@wcnet.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [144032] hooking up a poqet to xcvr for sending CW
Message-ID: <PGEPLCEGJDMJPHIGJMDGKEELFEAA.mpaley@wcnet.org>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm thinking about getting a poqet plus and hooking it up to a radio for the
purpose of sending CW. There are some programs out there, such as CWTYPE,
but CWTYPE is for Windows-based systems. Anyone know of any CW sending
software that is DOS based such that a poqet could handle it?

73 de
Mark Paley--KF8KL--
K1 #117, K2 #250 QRP-L #1899
<http://wcnet.org/~mpaley>

Date: Sat, 4 Jan 2003 11:07:01 -0600
From: "Leland Bahr" <pulsarxp@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [144033] Re: rechargable NiMH batteries
Message-ID: <009801c2b413\$e0113e80\$7bf19840@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Sam's Club sells a package of 8 Energizer NiMh 1850 mAh cells plus a wall charger which can be set to charge 2 or 4 cells at a time. The charger can be set for nicads or for NiMh. I think I paid just under \$19.00 for all this a week ago. It takes 14 hours to charge NiMh and 7 hours for Nicads with this charger. The charger has a built in wall plug so the whole charger is plugged into the wall recepticle. The color is white. (No dangling wires). Sam's also has another model with the same cells that can also be charged from a cigarette lighter jack. I think that unit sells for around \$29.00 with the batteries.

Lee Bahr
w0vt
Houston, Tx

Date: Sat, 4 Jan 2003 12:12:14 -0500
From: "Kevin Gray" <k8su@adelphia.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144034] FS Ten Tec Argonaut 509
Message-ID: <OCEPILKFPJMGHKIMLFOCOENCCIAA.k8su@adelphia.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Works perfect. Selling for \$175 plus shipping. No mic, copy of manual. Rig has some marks on top of the case and some marks around the knobs. It appears some of the knobs are not original. PTO turns smooth and rig works as good as any I have had. Would really like to trade for older ham gear. Keys, speakers, tube rigs, Drake or Collins gear even if I need to add cash. Earlier email I forgot to include the model number.

Have pics I can email.

Thanks,

KEvin

k8su@adelphia.net

Date: Sat, 4 Jan 2003 11:15:20 -0600
From: "Don Wines" <dwines@tyler.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144035] Re: 2N2222 Heat sinks?
Message-ID: <010b01c2b414\$dc720240\$e8034c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Digi-Key part no. 294-1004-ND, \$1.13 each, \$10.13 for 10, \$78.75 for 100.

72

Don, K5DW

k5dw@arrl.net

QRP-L #2083 QRP-ARCI #10145 NETXQRP #3 EM22gm

Visit the NETXQRP Web Site at <http://www.netxqrp.org>

----- Original Message -----

From: "Dave Benson" <nn1g@earthlink.net>

> Lee-

>

> Mouser Electronics, # 532-322400B00. DigiKey also carries them, but I don't

> have their part number.

>

> 73- Dave, K1SWL

> -----Original Message-----

> From: Lee Mairs <lmairs@direcway.com>

> Chuck raises a good point. Does anybody have a stock number for some heat

> sinks that will fit on the 2N2222?

Date: Sat, 04 Jan 2003 12:20:40 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144036] It's REALLY getting hard...
Message-ID: <3E16D198.21141.DC3973@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Really hard to keep those Resolutions, but I'm doing it!

Thanks to Bill, for helping me out!

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 4 Jan 2003 11:21:7 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-1 reflector" <qrp-1@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [144037] NC-40a spoken for
Message-ID: <4120031641721739@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

The NC-40a rig has been spoken for. Should be going to its new home next week. Thanks to all (wow!) who wrote wanting to purchase it.

PS Been getting on late evenings with my NC-40a. Please give me a holler sometime. Thanks.

73,

--Doc/K0EVZ

Date: Sat, 04 Jan 2003 12:26:19 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [144038] RMFF, 20-meter edition results...WHAT A HOOT!
Message-ID: <BAY1-F209ieLYCT4aJ600001931@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Well, that was fun, y'all. Managed to dole out 6k points and worked six states from the Rock-Mite mobile on 20 meters with 250 mW to the Hustler whip here in southwest VA. Stayed parked in the driveway...it's so much easier that way :)

Worked:

K3NZ	Norm	PA	Rock-Mite
W2AGN	John	NY	Rock-Mite
K5AIC	Herb	MS	K2
AA8IV	Rich	OH	SST
K3ESE	Lloyd	MD	Rock-Mite
WA5TCZ	Darron	LA	Rock-Mite

Many thanks to Ken Hoglund, KG4FGC, and the Greater Piedmont QRP Club for sponsoring the Rock Mite Flea Fight and for inviting me to participate as a 'Special Staion'.

Ken, I'll work up some kind of log and send it to you soon.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 4 Jan 2003 12:30:07 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <lmairs@direcway.com>
Subject: [144039] Re: 2N2222 Heat sinks?
Message-ID: <001701c2b416\$edefef80\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I built my 2N2/40, I took a tin snips to an Altoids tin. Later I got some official heat sinks from DigiKey, but other than cosmetics, I'm not sure it made any difference.

These were for the 2N2222A's in the metal can. T0-92 heat sinks are a lot easier to come by.

DigiKey lists 4 different T0-92 heat sinks, 3 in stock:

- 294-1003-ND Aluminum 7 watt
- 294-1001-ND Black 3 watt
- HS251-ND Black 1 watt

Only the one watter is available in quantities less than 250 (although I have found that sometimes on the phone you can talk them out of those minimum orders, especially in cases like the 3 watter where the minimum order is 250 but they only have 90 in stock, obviously they're not packaged by 250's).

I think the metal can is a T0-5 (can't recall for sure). DigiKey has about 2 dozen models of those, all available in quantity one.

Most of them are around 50 cents but they have some Thermalloy jobbies for over ten bucks!

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Lee Mairs" <lmairs@direcway.com>
Subject: 2N2222 Heat sinks?

> Chuck raises a good point. Does anybody have a stock number for some heat
> sinks that will fit on the 2N2222?

Date: Sat, 04 Jan 2003 17:35:37 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-1@Lehigh.EDU, qrp-canada@neale.gpfn.sk.ca,
Rock-Mite_Group@yahoogroups.com
Subject: [144040] Underwhelming Burst
Message-ID: <BAY1-F210wxNaJkGuSK000019a1@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang --

Noise levels were way too high on 7040 kHz last night. I still think QRPers would be much better off moving down to 7030 kHz, like the Europeans. This morning I called CQ constantly on 14 059.25 kHz with my Rock Mite 20 for two hours, yielding one very marginal 2-minute QSO with Albert, K7SBK, in Mesa, Arizona. That's a distance of 1955 km or 1274 miles. After the Burst time, I tuned into the NCDX/IARU beacon network, and could only hear Hawaii and New Zealand. No California, no Nunavut, no New York . . . So, I guess propagation wasn't favoring the Pacific Northwest. I hope others were more successful!

72, Bruce Prior N7RR

Add photos to your e-mail with MSN 8. Get 2 months FREE*.
<http://join.msn.com/?page=features/featuredemail>

Date: Sat, 4 Jan 2003 12:35:27 -0500
From: "brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144041] Re: rechargeable NiMH batteries
Message-ID: <001b01c2b417\$ac891e30\$1064030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got one from Walmart. It's called a 'Rinpoche" Ni-MH Smart Charger.

I don't know what is so smart about it, no schematic. It came with 4 each of the AA 1850mAh batteries, the brand on these would be COSLIGHT

and they are green and blue and silver. They claim to be "Ultra High Capacity" NiMH types.

I do not know if this charger has a uP in it, but it seems to be exactly like the one you described from Sam's. The label claims "Made in China, Input 120VAC 60Hz 3W, output "AA" 2.8v 130mA" Indoor Use Only, Do Not Expose to Rain. Shows a part number of PC-22-1 and has another number "07 02Z" on the label as well.

It's fancy and has the same label, in French, on the other side....oooo la la.

I bought this before Christmas for \$11.49 at Wally World. I've charged and recharged the batteries about 15 or 16 times now. I use them in my digi cam, my general coverage shortwave receiver, and a small camping flashlight. I haven't done any scientific testing on how long they last between charges, I have a dozen of these batteries now so I don't seem to have a problem keeping them charged, or at least some of them charged.

The only thing I didn't like about this unit is, it feels like it gets a little warm when plugged in with 4 dead batteries. Not hot, just warm. No smoke, no smell.

FWIW...YMMV

72 de KB9BVN

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

----- Original Message -----

From: "Leland Bahr" <pulsarxp@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 12:07 PM
Subject: Re: rechargable NiMH batteries

> Sam's Club sells a package of 8 Energizer NiMh 1850 mAh cells plus a wall
> charger which can be set to charge 2 or 4 cells at a time. The

charger can
> be set for nicads or for NiMh. I think I paid just under \$19.00 for
all
> this a week ago. It takes 14 hours to charge NiMh and 7 hours for
Nicads
> with this charger. The charger has a built in wall plug so the
whole
> charger is plugged into the wall recepticle. The color is white. (No
> dangling wires). Sam's also has another model with the same cells
that can
> also be charged from a cigarette lighter jack. I think that unit
sells for
> around \$29.00 with the batteries.
> Lee Bahr
> w0vt
> Houston, Tx
>
>
>
>

Date: Sat, 04 Jan 2003 12:41:41 EST
From: n5ib@juno.com
To: qrp-L@Lehigh.edu, lubear40@yahoo.com, n5ib@juno.com,
gordonwayn@aol.com, p.w.hoppe@att.net, wayjan@bellsouth.net,
Subject: [144042] T018 heatsink for 2N2222
Message-ID: <20030103.113716.7519.4.n5ib@juno.com>

Here's a heatsink that you can make (just did one here) that will cost
you just \$0.01

Take a penny - that's right, a penny - sorry Abe - and drill a 3/16"
(that'll be 3/16 of 25.4 mm) hole right between the columns of Abe's
memorial. The T018 case is slightly tapered, it seems, and this will
press-fit snugly onto the transistor.

Don't have a deg c/watt rating, but the metal mass seems substantial
enough that it should be effective. I'll try to post a photo on the web
next week. In the RM you may need to take care to clear a large capacitor
nearby (or maybe replace that cap with a tantalum)

Shhhh - don't anyone squeal to the treasury agents.....

For you QRP RockMeters, like Chuck, I'd suggest the \$0.25 heat sink, or

maybe even the Susan B. Anthony version :^))

72

Jim N5IB

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sat, 4 Jan 2003 11:44:56 -0600
From: "bhuyck" <bhuyck@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [144043] FS Red Hot 20 Xcvr
Message-ID: <NDBBLNJFELBFIPKEIOHJIEENEIAA.bhuyck@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will hate myself later but, I am selling my RH20 rig.
5 watts on 20m, built in TICK and AFA. Super front end and LOUD audio.
\$150 plus shipping. Bruce KS4V

Date: Sat, 4 Jan 2003 12:51:40 -0500
From: "brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144044] Re: T018 heatsink for 2N2222
Message-ID: <003f01c2b419\$f0380360\$1064030a@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I would have to assume that good old real pennies circa pre 1959 would be better at heat conduction than the current zinc sandwich pennies. Perhaps a federal grant is in order for the study of this useful phenomenon?

I know certain boys around here that take these new pennies and hot glue them to a board, then they take their .22 rifles and shoot holes in the pennies from about 20 yards. These holey pennies are then sold

to the rubes as being "lucky pennies what have been struck by lightning" for the price of one dime.

Same boys used to put them on the railroad tracks too, but that was before the Amtrak cops explained to them how life in a federal prison is no fun.

72 de KB9BVN

```
=====
KB9BVN/QRP - New Whiteland IN - EM69WN
QRP-ARCI #10223 QRP-L #1540 FIST #5695
FISTS CC #764 - Proud Member ARRL
HEATH HW-9 @ 2W or NORCAL 40A @ 1.3W
INTO INFAMOUS AF4PS ATTIC DIPOLE
SOC #400 AND FLYING PIGS QRP #-57
=====
```

----- Original Message -----

From: <n5ib@juno.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Saturday, January 04, 2003 12:41 PM

Subject: T018 heatsink for 2N2222

> Here's a heatsink that you can make (just did one here) that will
cost
> you just \$0.01
>
> Take a penny - that's right, a penny - sorry Abe - and drill a 3/16"
> (that'll be 3/16 of 25.4 mm) hole right between the columns of Abe's
> memorial. The T018 case is slightly tapered, it seems, and this will
> press-fit snugly onto the transistor.
>
> Don't have a deg c/watt rating, but the metal mass seems substantial
> enough that it should be effective. I'll try to post a photo on the
web
> next week. In the RM you may need to take care to clear a large
capacitor
> nearby (or maybe replace that cap with a tantalum)
>
> Shhhh - don't anyone squeal to the treasury agents.....
>
> For you QRP RockMeters, like Chuck, I'd suggest the \$0.25 heat sink,
or
> maybe even the Susan B. Anthony version :^))
>
> 72

> Jim N5IB

>

>

>

>

> -----
> Sign Up for Juno Platinum Internet Access Today

> Only \$9.95 per month!

> Visit www.juno.com

>

>

Date: Sat, 04 Jan 2003 09:10:20 -0900

From: "Jim Larsen, AL7FS" <JimLarsen2002@alaska.net>

To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>,
RockMite List <Rock-Mite_Group@yahoogroups.com>,

Subject: [144045] Alaska on RockMite20 = success ==>AL70K

Message-ID: <3E17238C.9080904@alaska.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Greetings from Alaska,

At the local ham club meeting last night I chatted with AL70K, John Hendricks, and he informed me he has worked five states now with his RM20. NC, AZ, CA, WA, OR?

I asked if he had posted this news and he said he had not. Well, I want to brag about his accomplishments. He gets the the job done. I build the board and don't get it mounted in a case. John does. He is having a lot of fun near as I can tell but says it is hard to complete an RM contact due to the wide nature of the front end on the RM receiver...about 4 Khz.

Just thought the QRP community deserved to hear about the 1st known Alaska RM20 on the air.

Take care.

73, Jim

--

Jim Larsen, AL7FS

Anchorage, Alaska

<http://www.qsl.net/al7fs/>

Date: Sat, 4 Jan 2003 10:12:32 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <n7rr@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [144046] Re: Underwhelming Burst
Message-ID: <00d601c2b41c\$da2c1040\$f80df4d8@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Since I had told Ken that I wouldn't be on this morning as one of the event stations, I decided to listen and pounce if appropriate. Besides, Doc K0EVZ was on one Rock Mite Channel and Chuck W5USJ was on the other ;-) I didn't want to cause any QRM to possible QSO's, so thought this best. Doc and Chuck were quite loud! I did work both of them and did call CQ a couple of times when the frequency was clear, but that was it. I had stumbled out of bed at 6:45 AM to check it out and didn't get the sleep out of my eye's for about the first half hour or so. Lot's of familiar calls in there! Much better propagation than 40 last night.

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Bruce Prior <n7rr@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Saturday, January 04, 2003 9:35 AM
Subject: Underwhelming Burst

> Hi Gang --
> Noise levels were way too high on 7040 kHz last night. I still think QRPers
> would be much better off moving down to 7030 kHz, like the Europeans. This
> morning I called CQ constantly on 14 059.25 kHz with my Rock Mite 20
for two
> hours, yielding one very marginal 2-minute QSO with Albert, K7SBK, in
Mesa,
> Arizona. That's a distance of 1955 km or 1274 miles. After the Burst

time,
> I tuned into the NCDX/IARU beacon network, and could only hear Hawaii
and
> New Zealand. No California, no Nunavut, no New York . . . So, I guess
> propagation wasn't favoring the Pacific Northwest. I hope others were
more
> successful!
> 72, Bruce Prior N7RR
>
>
>
>
>
>
> -----
> Add photos to your e-mail with MSN 8. Get 2 months FREE*.
> <http://join.msn.com/?page=features/featuredemail>
>

Date: Sat, 04 Jan 2003 13:19:32 -0500
From: N0tk@aol.com
To: qrp-1@lehigh.edu
Subject: [144047] FOX N0TK-Almost Final Log
Message-ID: <20B31440.6938892A.00002D75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

Thanks to those who emailed corrections,
this log version is nearly final.
Please email if additional corrections are needed.
Will post a final version on Sunday.

Time	Call	Sent	Recd	SPC	Name	Pwr
0201	N3BJ	559	559	VA	Alan	5w
0202	N0UR	559	579	MN	Jim	5w
0203	N5ZE	559	559	TX	Lew	5w
0204	K5DW	559	559	TX	Don	5w
0204	AJ4AY	559	559	AL	Jay	5w
0205	K0PC	559	559	MN	Pat	5w
0207	K5JHP	559	559	TX	Bill	5w
0208	K4FB	559	559	FL	Paul	5w
0208	W5TB	559	559	TX	Doc	5w
0209	W5USJ	559	559	TX	Chuck	5w
0209	K3ESE	559	559	MD	Lloyd	5w
0210	N0WX	559	559	MN	Mike	5w

0211	K5ZTY	559	559	TX	Bill	5w
0212	WA9TZE	559	559	WI	Jim	5w
0212	W5YR	559	559	TX	George	5w
0213	N4ROA	559	559	VA	Dan	5w
0213	KK5LD	559	559	TX	Dan	5w
0214	K40AH	559	559	GA	Garey	5w
0215	K5SR	559	559	TX	Dale	5w
0215	K3PH	559	559	PA	Bob	5w
0216	N1FN	559	559	CO	ET	5w
0217	K50T	559	559	WI	Larry	3w
0218	K2ZN	559	559	NY	Al	5w
0218	WE9K	559	559	WI	Glenn	5w
0219	K5EOA	559	559	LA	Wayne	5w
0220	W9XU	559	559	WI	Lon	5w
0221	W2AGN	559	559	NJ	John	5w
0222	W2RBA	559	559	NY	Joe	5w
0225	K9IUA	559	559	IA	Kevin	5w
0225	W0CH	559	559	MO	Dave	5w
0226	AA50	559	559	LA	Vern	5w
0227	K3IU	559	559	RI	Ken	5w
0228	N3AO	559	559	PA	Carter	5w
0232	K9DC	559	559	IL	Dave	5w
0236	N5YFC	559	559	LA	Wayne	5w
0237	K2PQ	559	559	NJ	Frank	5w
0238	KR5C	559	559	TX	George	5w
0240	K4BYF	559	559	FL	Jack	3w
0241	AG0T	559	559	ND	Todd	4w
0242	N7XY	559	559	WA	Bob	5w
0243	K5AIC	559	559	MS	Herb	5w
0243	KG6CYN	559	559	CA	Trev	5w
0245	VE6EX	559	559	AB	Dan	5w
0246	N9AW	559	579	WI	Jerry	5w
0247	NM5M	559	559	TX	Eric	5w
0249	NK9G	559	559	WI	Rick	5w
0250	VE3FAL	559	559	ON	Fred	5w
0251	K4ADI	559	559	SC	Frank	5w
0253	AB9CA	559	559	AL	Dave	5w
0254	AF4LQ	559	559	KY	Mike	5w
0255	K6MMC	559	559	CA	Mike	5w
0257	N1TP	559	559	FL	Tom	5w
0257	KB7WW	559	559	OR	Art	5w
0259	KQ5U	559	559	TX	Terry	5w
0304	KC1FB	559	559	CT	Jim	500mw
0306	AC5JH	559	559	OK	Tom	5w
0307	N2WW	559	559	CO	Larry	5w
0309	N3XRV	559	559	PA	Chris	5w
0310	WB4X	559	559	NC	Brent	5w
0313	K4GT	559	559	GA	Jim	5w

0314	W9HL	559	559	IL	Randy	5w
0315	VE6JAZ	559	559	AB	Rob	5w
0316	N6LIF	559	559	TX	Martin	5w
0319	NV4V	559	339	KY	Pete	5w
0320	AF4PP	559	559	GA	Chuck	5w
0320	K5OI	559	559	OK	Tim	5w
0321	KI0II	559	559	CO	Ron	1w
0323	K8CV	559	559	MI	Walt	5w
0326	KD5CMN	559	559	TX	Mike	5w
0326	KC9LC	559	559	VA	Randy	5w
0330	K8HJ	559	559	MI	John	5w
0333	WV9N	559	559	OH	Randy	5w
0334	NK6A	559	559	CA	Don	5w
0339	WS4S	559	559	TN	Conard	5w
0339	W8YMO	559	559	OH	Harry	5w
0346	W5KDJ	559	559	TX	Wayne	700mw
0350	W9XT	559	559	WI	Gary	5w
0359	KV2X		FOX	NY	Tom	5w
0359	N0TK		FOX	CO	Dan	5w

Date: Sat, 4 Jan 2003 10:32:01 -0800
 From: "Ian Wilson" <ianmwilson@earthlink.net>
 To: <k5di@zianet.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
 Subject: [144048] Re: Class Eeff Amps
 Message-ID: <005101c2b41f\$9311d340\$0b02a8c0@WorkGroup>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Corrected URL:

<http://www.cco.caltech.edu/~mmic/reshpubindex/class-e/poweramp.htm>

>
 > If you guys are really interested in a WORKING 1 transistor 400
 > watt amp go to this web site and read with care:\
 >
 > <http://www.cco.caltech.edu/~mmic/reshpubindex/class-e/power/>
 >
 > They say it's kinda Class E but really it's not. Read on and you will
 > see they designed a good driver to a power FET and get high power
 > output. The device was built by young guys working on their Phd and they
 > did some really nice design work. Read what they did and pay attention

> to the power required to drive the final FET.

It really is, according to the article (Class E, that is). The only modification is the second harmonic trap added into the matching network.

>

> We haven't seen Ham Gear using this method because it's *VERY* sensitive
> to adjustment and an error leads to replacing the final FET.

>

> Don't hold your breath for a new Kenwood running 500 watts all bands
> with no fan.

Class E isn't a wideband approach, so not very applicable to an all-band rig. Also, it's hard to get better than 85% overall efficiency even if the output device is operating at 90% efficiency. So you still have to get rid of 75W of heat. And this rig won't do SSB. Back to Marketing 101.... :)

de ian, k3imw/6

Date: Sat, 4 Jan 2003 10:45:55 -0800
From: "Alan Kaul, W6RCL" <alan.kaul@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144049] Kids' Day
Message-ID: <006a01c2b421\$875f85e0\$f840cd18@charterpipeline.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone working Kids' Day today (Saturday 1/4/2002)?

Alan Kaul, W6RCL, LaCanada, CA
w6rcl@amsat.org
<http://home.att.net/~alan.kaul/index.html>

Date: Sat, 4 Jan 2003 13:57:29 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-1@Lehigh.EDU>
Cc: <fpqrp-1@fpqrp.com>
Subject: [144050] CONTEST: Soliciting QSOs

Message-ID: <006801c2b423\$21d6b750\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

The "Flying Pigs" will be playing again tonight near 7044,
collecting FP numbers for the WAP contest.
<http://fpqrp.com/wap-2003.html>

If you are a FP, join in the fun or just help out those of
us that are collecting FP numbers. Thanks!
Results are being posted here.
<http://65.29.207.184:3737/pigs/wap2003s.asp>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

Date: Sat, 4 Jan 2003 14:16:29 -0500
From: "Terres Family" <terresfm@ncia.net>
To: <qrp-l@Lehigh.EDU>
Subject: [144051] RE: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
Message-ID: <000001c2b425\$caf293c0\$ca82f3ce@amdxp2100>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

My wife's credit card has been billed for three months of MSN internet
access BUT none of us have ever used, subscribed to, or other wise
authorized payments for MSN internet access.

Anybody else ever have this problem with Microsoft suddenly billing your
credit card out of the blue? If so how did you fix it?

Yeah, I know. Way off topic.

72

Jerry aa1of

(once got a copy of 'asheron's gate' for "free" in the mail with 2 months free on line playing and a coupon for a third free month. Installed it, looked at it but never played it. Thought I might try it sometime. It came from MicroSoft. Tried to use the coupon for the free 3rd month but it wouldn't let you until the first 2 months had run out. When the first two months were over it would only let you use the coupon for a 'free 3rd month' for month number 4. It had already billed my credit card for month number 3! Can't use the coupon till the first 2 months are over, BUT once the first 2 months are over it "AUTOMATICALLY" bills your credit card for month number 3. Called and emailed, they said there was nothing they could do. They said the software did it and they had 'no control' over the software!!!!??)

Date: Sat, 4 Jan 2003 11:29:10 -0800 (PST)
From: Tom Popovic <ki3r@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144052] hr we go agn ... hand punch
Message-ID: <20030104192910.4580.qmail@web11201.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello alll just got the Harbor Freight catalog. The 2mm to 7mm hand punch is now \$11.99. I got one last year and it works fine.

73 God Bless Tom KI3R Port Vue Pa. nr Pittsburgh

=====

The common good was the claim and justification of every tyranny ever established over men. Every major horror of history was committed in the name of altruistic motive... Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Sat, 04 Jan 2003 14:45:19 -0500
From: wa8jpr <wa8jpr@comcast.net>

To: mpaley@wcnet.org,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144053] Re: hooking up a poqet to xcvr for sending CW
Message-ID: <000601c2b429\$d03e0720\$91a83c44@cc811568b>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Check out this link. He has a nice dos based cw sending program.
taggart.glg.msu.edu/wb8dqt/wb8dqt.htm

73 Bill WA8JPR Fists 3215

Date: Sat, 04 Jan 2003 13:50:00 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-1@lehigh.edu, QRPp-I@yahoogroups.com,
Rock-Mite_Group@yahoogroups.com
Subject: [144054] RMFF 20 meters
Message-ID: <3.0.2.32.20030104135000.007ee210@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, Folks.

Made it through the 2 hours with a grand total of 8 valid QSOs. Have 6 in the log for the first hour and 2 for the second. Lots of CQing not many Qs.

Heard a few I couldn't seem to work and worked a few I didn't expect to. Several Fists folks stopped by but left as soon as they figured out my CQ FF didn't mean Fist Folks ... [g] Switched to CQ RMFF after a few of those.

Heard W2AGN, John, with a low-pitched tone (?) but couldn't get connected. Seemed like I was hearing several others this way too -- not sure. Lots of DXers working up 2 put them in the R-M 20 kHz passband too.

Here's the log:

K3NZ	Contest mode RST only -- no other info
K0EVZ	Doc -- always good sigs.
KG6CYN	Trev -- took a few tries but we did it
KB6TAL	Forgot to ask for Ops name
VE1CHS	Pete -- tn timer for Canada
AA8IV	Rich in Ohio -- VXO in SST

W4DNE Bill in NC (1600 Z)
WA5TCZ Darron in LA -- last Q at 1657 Z

Thanks all and would like to get more folks in the log next time. Things should be better when the Super Mite with filters and VX0 gets finished...
[g]

Email Alt: w5usj@arrl.net

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: 04 Jan 2003 14:38:24 -0500
From: Richard Mulvey <rich@mulveyfamily.com>
To: qrp-l@lehigh.edu
Subject: [144055] RE: [fpqrp] OT:Which ISP do you recommend? & MSN bogus charges
Message-ID: <1041709104.3857.1.camel@zipppy.aa2ys.ampr.org>
Content-Type: text/plain
Mime-Version: 1.0
Content-Transfer-Encoding: 7bit

On Sat, 2003-01-04 at 14:16, Terres Family wrote:

> My wife's credit card has been billed for three months of MSN internet
> access BUT none of us have ever used, subscribed to, or other wise
> authorized payments for MSN internet access.
>
> Anybody else ever have this problem with Microsoft suddenly billing your
> credit card out of the blue? If so how did you fix it?
>

Ummmm..... isn't the real problem that someone has apparently stolen
your credit card information, and is using it to make purchases without
your consent?

Perhaps you should look into disputing the charges, and getting the
card cancelled, ASAP.

- Rich

Date: Sat, 04 Jan 2003 14:07:07 -0600

From: KD5NWA <KD5NWA@cbayona.com>
To: kg6cyn@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [144056] Re: [KG6CYN DDS group component purchase]
Message-ID: <5.2.0.9.0.20030104140626.00a8b0b0@pop.cbayona.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Just a small note, long addresses should be inside angle brackets so the mail program will not break up the line example;

< <http://nwaarc.com/index.asp> >

The URL above will not be split across 2 lines even if the line is too big, the line will split either before or after the URL but not in the middle of it.

<http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20PDF.zip>

The link above should work.

At 10:03 AM 1/4/2003, Trevor Jacobs wrote:

>There is also a PDF version of the parts list for printing (although you
>can't edit it ;-) at:

>

>http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20PDF.zip

>

>Thanks for taking the time to do this Paul!

>

>73's Trev KG6CYN

><http://home.earthlink.net/~kg6cyn>

><http://www.qsl.net/kg6cyn>

>

>----- Original Message -----

>From: P. Ermisch <ermisch@usa.net>

>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>Sent: Saturday, January 04, 2003 7:44 AM

>Subject: Re: [KG6CYN DDS group component purchase]

>

>

> > I have a plain text version of the parts list for those without Excel
>and can

> > send it out on request.

> >

> > P. Ermisch <ermisch@usa.net> wrote:

> > > I am coordinating a group buy of parts for the KG6CYN DDS kit. If
>you are
> > > interested in participating, please do the following:
> > >
> > > 1. Download the Excel-version parts list from
> > >
> > >
> >
>[http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Fu](http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20XL.zip)
>[nctional%20Description%20XL.zip](http://home.earthlink.net/~kg6cyn/data/DDS_FILES/Parts%20List%20and%20Functional%20Description%20XL.zip)
> > >
> > > If this link doesn't work for you, let me know and I will e-mail a
>copy of
> > the
> > > spreadsheet
> > >
> > > 2. Indicate the quantities you require for each part in column "I"
>of the
> > > spreadsheet and send it to me at this address or kb0lur@arrl.net as
>an
> > > attachment. If you cannot do this, let me know and we'll work out
> > something
> > > else. If you get bounces, I apologize in advance - just resend the
>email
> > if
> > > that happens.
> > >
> > > I will then compile and inform everyone of their personal total. I
>will
> > not
> > > make the orders until funds have been received.
> > >
> > > FYI, I also know that another ham has extra parts on hand and may
>announce
> > > their availability on this list soon.
> > >
> > > Paul KB0LUR
> > >
> > >
> >
> >

Cecil
KD5NWA

Date: Sat, 04 Jan 2003 15:14:13 -0500
From: W2AGN <w2agn@w2agn.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144057] Scoring on RMFF
Message-ID: <3E16FA45.2495.17B2EFB@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

This is probably simple, but I'm having a senior moment. Actually, two questions. First, does the X1000 bonus multiplier count in addition to other multipliers? For example, I work N4QA he is diustance 342 miles and we talk for 4 minutes. He is of course, using a RM, and is a bonus station.

Would that be 342(distance) X 4(time) X5(Xtal Control) X 1000(bonus) ?
Makes a BIG score!

Second question, I think I know the answer. AA8IV using SST. Claimed Xtal Controlled since it's a VX0. I don't think so. Correct?

+-----+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+-----+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 4 Jan 2003 15:34:13 -0500
From: "gergea" <w4gfa@bellsouth.net>
To: <qrp-1@Lehigh.EDU>
Subject: [144058] re: 30M
Message-ID: <005101c2b430\$a4e50ea0\$77d12143@z7r3k8>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The only draw-back to 30 meter operation is the small size of the band. Not so bad before someone decided to make 10.125 and up the digital nirvana. Now, it's only 25 Khz for CW work. Interesting band. What are you folks using for antennas on 30 meters? My G5RV with tuner WILL work, but not very well.

Geo

Outgoing mail is certified Virus Free.

Checked by AVG anti-virus system (<http://www.grisoft.com>).

Version: 6.0.435 / Virus Database: 244 - Release Date: 12/30/02

Date: Sat, 4 Jan 2003 12:30:13 -0800

From: "Ian Wilson" <ianmwilson@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [144059] VFO pulling

Message-ID: <008e01c2b430\$163076e0\$0b02a8c0@WorkGroup>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I have a Colpitts VFO that gets pulled about 300Hz high when I transmit. The two sources of pulling that I know about are caused by a) change of supply voltage or b) change of load on transmit.

The VFO as a whole is supplied from a regulated 11.5v supply. The DVM reads 11.50 in both receive and transmit.

Within the VFO, the oscillator (3.5MHz) and varactor are fed from a 9v regulator. A 74HCT86 used as frequency doubler and buffer is fed from a 5v regulator.

The oscillator is buffered from its load by a 2-transistor feedback amp and a couple of stages of digital buffering.

This seems like overkill to me in terms of supply stabilization and buffering. So what other causes of pulling have I overlooked?

Thanks for any suggestions

73 de k3imw/6

Date: Sat, 4 Jan 2003 20:55:38 -0000

From: "Ray Goff" <radioham@gmx.co.uk>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144060] Re: VFO pulling
Message-ID: <001801c2b433\$a902cce0\$5ef10350@starfishrcg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

Have you considered the possibility that RF is getting back into the VFO and causing it to change frequency?

Is the change instantaneous or does it drift?

Ray, g4fon

----- Original Message -----

> I have a Colpitts VFO that gets pulled about 300Hz high when I transmit.
> The two sources of pulling that I know about are caused by a) change of
> supply voltage or b) change of load on transmit.
>

Date: Sat, 4 Jan 2003 13:55:20 -0700
From: "Bob Hightower" <nk7m@extremezone.com>
To: <qrp-1@lehigh.edu>
Subject: [144061] Looking for Brian
Message-ID: <000e01c2b433\$9b743050\$8d4998d0@Bobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Anyone got Brian Kassel's email address? When my computer was stolen,
all the addresses went with it :(>

Bob NK7M

Date: Sat, 04 Jan 2003 16:07:14 -0500

From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144062] RE: RMFF Scoring
Message-ID: <3E174D02.4CD19AAB@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have already sent some answers to John W2AGN, but both are great questions so I'll let the list know the answers as well.

Let's take the second question first. Prior to last year's event we had several long exchanges with some wonderful folks here on qrp-1. You may recall a discussion about just how far can you "pull" a XTAL. Doc Megacycle among others helped us see that heterodyning, or mixing frequencies from crystals, would greatly enhance the range of a rig, so we decided to draw the line there. No heterodyning is allowed, but anything short of that is ok.

Part of what we want to encourage with an event such as RMFF is to get "rock-bound" rigs on the air, and also to encourage folks to play with ways of enhancing these simple circuits. So PTO's in the circuit, variable capacitance in the circuit, etc. are allowed. And the SST, since it is VX0, is a crystal rig at heart.

The first question never came up last year: none of the folks who submitted logs had worked any of the Special Stations! And none of the folks who worked the Special Stations submitted logs. But as I recall our discussion of the scoring, and as I would read the rules (and I did write them based on our club's deliberations), the 1,000 point multiplier is intended on top of the crystal rig multiplier. So John has amassed an extraordinary score!! There may be a few other ops who can beat it, though, if I was hearing right.

As I mentioned yesterday, this is only the second year for the event, and it was very rewarding to hear all the "flea powered" signals both last night and this morning. We are always open to suggestions for the event, and have received a number already. Please feel free to toss in your 2 cents' worth: we will take all suggestions seriously.

And a "special" thanks to the Special Station ops who took the time to fire up those Rock Mites. Must say I was very impressed with the signals I could hear clearly.

On Behalf of the Greater Piedmont QRP Club,

Ken KG4FGC

Date: Sat, 4 Jan 2003 15:11:51 -0600
From: "Jay" <aj4ay@worldnet.att.net>
To: "Flying Pigs" <fpqrp-1@mpna.com>, "QRPL" <qrp-1@Lehigh.EDU>
Subject: [144063] Outback
Message-ID: <002f01c2b435\$e800d430\$c573560c@jay>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

All,

The weather is so durn nice in Mobile this afternoon, I have set up in the outback. That's out back in the back yard.

I have my K2 on battery and feeding 5 watts to my just finished homebrew vertical dipole.

I'll be calling CQ and CQ FP. If you have time and hear me, give me a call. You don't have to have an FP number for a chat. I am really interested in seeing what the antenna will do. I have hit the left coast a couple of times and Barbados once.

Anyhow, I am sitting on 14.062 and will probably be there for another hour or so. Call if you can. If you need AL on 15 or 10, I can go there also.

Thanks and have a great week end. 72!

Jay
AJ4AY
Mobile, AL
QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.427 / Virus Database: 240 - Release Date: 12/6/2002

Date: Sat, 04 Jan 2003 16:30:49 EST
From: n5ib@juno.com
To: qrp-1@Lehigh.edu

Subject: [144064] 2N2222 heat sink for \$0.01
Message-ID: <20030103.152605.7567.2.n5ib@juno.com>

As a followup on the penny heat sink..... I decided to try enhancing the thermal path from case to sink by soldering (that's right - soldering) the transistor case to the penny.

I plugged a 2N2222 into a transistor checker, displaying Hfe as 146, then put on a tiny bit of rosin flux and heated the joint with a 750 F iron until the solder flowed and made a tiny fillet. The Hfe rose to over 350, then gradually came back down to 147 over the course of several minutes. A leakage and breakdown test would be a wise thing, no doubt (my checker won't do that) but it probably survived fine.

A dab of flat black paint for good radiation and this should be one sturdy 2N2222

OK, whose thermo is good enough to calculate the effectiveness of this heat sink? Not I for sure, all I learned about was the steam tables :^))

72
Jim N5IB

Sign Up for Juno Platinum Internet Access Today
Only \$9.95 per month!
Visit www.juno.com

Date: Sat, 4 Jan 2003 13:29:55 -0800
From: "larry hess" <hessls@csi.com>
To: <qrp-1@lehigh.edu>
Subject: [144065] Loop Question
Message-ID: <002401c2b438\$fb94dac0\$0104c0d8@m0u2v9>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Have a 40 meter horizontal loop, roughly rectangular, about 25 feet high around the periphery of the house. It is fed at the SouthEast corner with open wire line. What changes would occur if the feedpoint is moved to the Northeast corner? Thanks
Larry W8GTT

Date: Sat, 04 Jan 2003 16:39:18 -0500
From: W2AGN <w2agn@w2agn.net>
To: hoglund@wfu.edu,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144066] Re: [spam score 5/10 -pobox] RE: RMFF Scoring
Message-ID: <3E170E36.32680.1C917DF@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 4 Jan 2003 at 16:07, Kenneth Hoglund wrote:

> Part of what we want to encourage with an event such as RMFF is to get
> "rock-bound" rigs on the air, and also to encourage folks to play with
> ways of enhancing these simple circuits. So PT0's in the circuit,
> variable capacitance in the circuit, etc. are allowed. And the SST,
> since it is VX0, is a crystal rig at heart.

I'll tell you one thing, NEXT year I'll use my SST! 2.5W out, narrow
receiver bandwidth and plenty of tuning range. Would have worked a lot
more if I had known it counted as "rockbound."

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Sat, 04 Jan 2003 22:16:00 +0000
From: "Bruce Prior" <n7rr@hotmail.com>
To: kg6cyn@earthlink.net, qrp-l@Lehigh.EDU,
Rock-Mite_Group@yahooogroups.com
Subject: [144067] Re: Underwhelming Burst
Message-ID: <BAY1-F116T3TGJ2TUSz00001dcd@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Trevor and the Gang --

In practice, the output frequencies of different Rock-Mites actually differ
a little bit, depending on your input voltage and slight differences in the
values of components in the oscillator circuit. With such a low power
output, you don't have to worry about QRMing somebody. Just dive in! With

such a wide receive bandpass on the Rock-Mite, there's always room for one more. It's good practice to use the audio filter between your ears! The more peanut whistles the merrier! What kind of antenna were you using? I was feeding a simple dipole strung between the house roof and an adjacent Douglas Fir. The dipole is attached to the tree via an eyebolt and a pulley and a commercial fishing weight for counter-balance. In the series of storms which have hit the Puget Sound region recently, including substantial winds, that pulley system has been doing its job! I can look out the window of the hamshack and see the counter-weight bouncing up and down.

72, Bruce Prior N7RR

-----Original Message Follows-----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>

To: <n7rr@hotmail.com>, "Low Power Amateur Radio Discussion"

<qrp-1@Lehigh.EDU>

Subject: Re: Underwhelming Burst

Date: Sat, 4 Jan 2003 10:12:32 -0800

Since I had told Ken that I wouldn't be on this morning as one of the event stations, I decided to listen and pounce if appropriate. Besides, Doc K0EVZ was on one Rock Mite Channel and Chuck W5USJ was on the other ;-) I didn't want to cause any QRM to possible QSO's, so thought this best. Doc and Chuck were quite loud! I did work both of them and did call CQ a couple of times when the frequency was clear, but that was it. I had stumbled out of bed at 6:45 AM to check it out and didn't get the sleep out of my eye's for about the first half hour or so. Lot's of familiar calls in there! Much better propagation than 40 last night.

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Bruce Prior <n7rr@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Saturday, January 04, 2003 9:35 AM

Subject: Underwhelming Burst

Hi Gang --

Noise levels were way too high on 7040 kHz last night. I still think QRPers would be much better off moving down to 7030 kHz, like the Europeans.

This morning I called CQ constantly on 14 059.25 kHz with my Rock Mite 20 for two hours, yielding one very marginal 2-minute QSO with Albert, K7SBK, in Mesa, Arizona. That's a distance of 1955 km or 1274 miles. After the Burst time, I tuned into the NCDX/IARU beacon network on 14.1 MHz, and could

only hear Hawaii and New Zealand. No California, no Nunavut, no New York .
. . So, I guess propagation wasn't favoring the Pacific Northwest. I hope
others were more successful!
72, Bruce Prior N7RR

MSN 8 with e-mail virus protection service: 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Sat, 4 Jan 2003 16:28:53 -0600
From: <sjolin@swbell.net>
To: <hessls@csi.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144068] Re: Loop Question
Message-ID: <0d3401c2b440\$a9bd7e70\$78d1fea9@DaveSjolin>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----
From: "larry hess" <hessls@csi.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, January 04, 2003 3:29 PM
Subject: Loop Question

> Have a 40 meter horizontal loop, roughly rectangular, about 25 feet high
> around the periphery of the house. It is fed at the SouthEast corner with
> open wire line. What changes would occur if the feedpoint is moved to the
> Northeast corner? Thanks
> Larry W8GTT

Birds resting on your feedpoint would have a different view. Your feedline
might be longer or shorter as required.

Seriously though I think it may change the position of your major lobes on
some bands. I'm not sure which. I believe that generally you get the greatest
gain through the feedpoint of a corner fed loop. If you move it from SE
corner to NE corner, on some bands it will move your major lobe by 90
degrees. Actually I think the NE corner might work out better for working
Europe and Middle East while SE might be slightly better for working South
America and Africa. Attached are two links to Cebik articles on horizontal
loops with antenna modeling results by corner vs side feed on several bands.

Only problem is that the loops are 80 and 160 so you will need to make the mental conversions. I was a bit preoccupied at the time.

73 de Dave, N0IT

<http://www.cebik.com/h1.htm>

<http://www.cebik.com/at11.html>

Date: Sat, 4 Jan 2003 22:35:38 +0000
From: "M. J. Powell" <mike@pickmere.demon.co.uk>
To: hessls@csi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [144069] Re: Loop Question
Message-ID: <ELzqLrA6G2F+EwJD@pickmere.demon.co.uk>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed

In message <002401c2b438\$fb94dac0\$0104c0d8@m0u2v9>, larry hess
<hessls@csi.com> writes
>Have a 40 meter horizontal loop, roughly rectangular, about 25 feet high
>around the periphery of the house. It is fed at the SouthEast corner with
>open wire line. What changes would occur if the feedpoint is moved to the
>Northeast corner? Thanks

The radiation will be 90 deg out of phase with what it was.

Mike

--

M.J.Powell

Date: Sat, 04 Jan 2003 18:04:24 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [144070] Re: Scoring on RMFF
Message-ID: <BAY1-F152utox7nyeKz00001daf@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

One thing's fer sure...

We've got John, W2AGN, talkin' just like a true Southerner...
'Diustance' is, of course, a three-syllable word fer how fer apart folks
is...hee hee hee.

73.

Bill, N4QA

<http://www.qsl.net/n4qa/>

Help STOP SPAM: Try the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Sat, 4 Jan 2003 17:13:42 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-l@LeHigh.EDU>
Subject: [144071] Fox - Winter Fox Hunt Teams Results.
Message-ID: <Pine.LNX.4.33.0301041705470.21521-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hunt #17 - N0TK -

Burbank Wrecking Crew - 57

Cheeseheads - 67

Michael - K6MMC *

Jerry - N9AW *

Todd - AG0T *

Jim - WA9TZE * Clean

Don - KC2CK

Lon - W9XU * Sweep

Woody - WD9F

Rick - NK9G *

Trev - KG6CYN *

Glenn - WE9K *

NE-TX Tornados - 76

p-Shooters - 36

Chuck - W5USJ *

Chuck - K7Q0

Bill - K5JHP * Clean

Gary - NQ7T

Don - K5DW * Sweep

Jim - KC1FB *

Doc - W5TB *

Wayne - W5KDJ *

George - W5YR *

Tony - KB9YIG

Raiders of the Lost RF - 62

Swamp Rats - 71

Dan - VE6EX *
Earl - VA6RF
Fred - VE3FAL *
Robert - VE6JAZ *
Bruce - VE5RC

Larry - N2WW *
ET - N1FN *
Paul - K4FB *
Doc - K0EVZ
Tom - N1TP *

K1 K9s - 49

Cajun Thunder - 56

Lloyd - K3ESE *
John - K8HJ *
Ralph - KD1R
Joe - W2RBA *
Alan - N3BJ *

Wayne - K5EOA *
Jim - N5IB
Vern - AA50
Wayne - N5YFC *
Tom - AC5JH *

Great Lakers - 42

Underdogs - 68

Mark - K2Q0
Tom - KV2X *
Al - K2ZN *
Bill - K2TER
Jeff - VA3JFF

Dan - N4R0A *
Dave - W0CH *
Ron - KI0II *
Randy - K7TQ
Art - KB7WW *

Aluminum Kings - 57

Dust Devils - 52

Bob - N4BP
Jim - N0UR *
Al - K0FRP
Pat - K0PC *
Todd - N9NE

George - KR5C *
Martin - N6LIF * Clean
Eric - NM5M * Sweep
Dale - K5SR *
Lew - N5ZE *

Loco-motives - 40

Frank - K2PQ *
Jack - K5FSE
Jason - N8XE
Mike - VA6MJT
Wayne - K9DI

..please send any changes and/or corrections directly to me...thank
you...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sat, 04 Jan 2003 18:19:57 -0500
From: Fred Lesnick <flesnick@tbaytel.net>
To: "'fpqrp@egroups.com'" <fpqrp@egroups.com>, QRPL <qrp-1@Lehigh.EDU>
Subject: [144072] Soowhee.....
Message-ID: <3E176C1D.94BDA34B@tbaytel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, with all the RTTY stuff on 40 meters for the RTTY test, looks like it will be a chore to find a clean resting spot again tonight on the band.....

Some really loud signals tonight on 40 too.....

Oh well, will leave the barn door open, download some more music, and see what we hear.....

Fred
VE3FAL
FP 101.....

Date: Sat, 4 Jan 2003 17:17:38 -0600
From: Karl Kanalz <kkanalz@gcecispc.com>
To: "'w4gfa@bellsouth.net'" <w4gfa@bellsouth.net>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144073] RE: 30M
Message-ID: <01C2B416.1CB80F60@KKANALZ>

I use either:

a) My 40M half-wave dipole

Or

b) My Cushcrap RV-7 vertical (40M and up)

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: gergea [SMTP:w4gfa@bellsouth.net]
Sent: Saturday, January 04, 2003 2:34 PM
To: Low Power Amateur Radio Discussion
Subject: re: 30M

The only draw-back to 30 meter operation is the small size of the band. Not so bad before someone decided to make 10.125 and up the digital nirvana. Now, it's only 25 Khz for CW work. Interesting band. What are you folks using for antennas on 30 meters? My G5RV with tuner WILL work, but not very well.

Geo

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.435 / Virus Database: 244 - Release Date: 12/30/02

Date: Sat, 4 Jan 2003 18:58:08 -0500
From: "James Reid" <jreid4@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [144074] Re: VFO pulling
Message-ID: <000301c2b44d\$23acbdb0\$8350f7a5@net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a problem with a VFO that pulled on transmit. I finally traced the problem to a ceramic trimmer that was used to calibrate the VFO. I replaced the ceramic trimmer with an air trimmer and the problem was solved. Good luck.

Jim, KD3S

End of QRP-L Digest 2790
